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Commentaires supplémentaires:

In Sessional paper No. 11, Statements made by Fire and Inland Marine ... 1877, page 70 is incorrectly numbered page 0.

In Sessional paper No. 12, Annual report of the Department of Interior ... 1883, page xii is incorrectly numbered page xli.

In Sessional paper No. 12, Part I of Report of the Department of Interior, pages 18-19, 30-31 are printed upside down.

In Sessional paper No. 12, Part I of Report of the Department of Interior, page 28 ½ is inserted between pages 28-29.

In Sessional paper No. 12, Part II, pages 26-27, 38-39, 59, 70 are printed upside down.

In Sessional paper No. 12, part IV, page 18 is incorrectly numbered page 81.

# SESSIONAL PAPERS

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D	No.	F	No.
Damour, D., Dismissal of.....	44	Factory Bill, proposed .....	86
Deposits in the Banks of Dominion Money .	28	Finance, Mission of Minister of, to England	39a
Derby Station to Indian Town, Intercolonial Railway Branch, Subsidy to.....	21f	Fines and Seizures at Ports of Entry.....	71, 71a
Deserters from U. S. Army.....	78	Fines exacted and how disposed of.....	71
Dewdney, Lieutenant-Governor, N. W. T....	109	Fire Insurance, Abstract for 1883.....	11
Distillers, United States National Assoc'n .	69	Fish Creek, Supply Farm No. 20.....	82
Distilling, Customs Laws and Regulations concerning.....	69	Fisheries .....	68 to 66b & 67a
Dominion Arbitrators.....	57 to 59, 83, 130	Fisheries and Marine, Annual Report.....	7
Dominion Government, Lithographing for.	138	Fisheries, Commissioner's Report.....	7
Dominion Lands.....	25 to 25a	Fishermen, Bounty to .....	66
Dominion Money on deposit .....	28	Fishery, Porpoise, Riviere Ouelle. ....	65
Dominion Money spent in the Provinces....	152	Fishing Bounty.....	66
Dominion Statutes.....	38	Fishing Regulations prohibiting, in Ontario	66a
Dominion Steamers.....	45 to 45e	Flour, Duty on.....	61
Dorion, E., Claim of.....	83	Flour exported, Frauds on bonded.....	60
Draining of land in Manitoba.....	111	Flour imported and exported.....	63
Drawback, cotton duck .....	48d	Flour imported from U.S., duty collected on	61b
Drawback, exported sugar.....	48 & 48c	Food, Adulteration of.....	3
Drawback, manufactured goods exported....	48b	Fort McLeod, Town site.....	120
Drawback, shipbuilding materials.....	48a & 48d	Fort Osborne, Lease of land at.....	25d
Drill Shed, Montreal.....	88a	Fort Simpson, Troubles with Indians at...	79a
Drill Shed, St. Thomas, Ont.....	88	Fort William Indian Reserve.....	50b
Drummond, and MacLean, Roger & Co....	136	Frauds on bonded Wheat or Flour exported.	60
Duck Islands, etc.....	57	Fraser & Co., D., Claim of, against I. O. R..	53n
Dufferin Bridge, Ottawa.....	37	Free Passes, I. C. & P. E. I. Railways, from 1874 to 1883.....	53a, 53p
Dumais, Skiffington <i>versus</i> Michaud.....	129	Freight Charges, Duty on.....	68
Dumping Scows, bought or built in 1883 for Government.....	142	<b>G</b>	
Dustan, Mr., Claim of.....	49 & 49a	Galt, Sir A. T., High Commissioner ....	78 to 76e
Duties on Agricultural Implements.....	36	Gosselin, E., Petition of.....	59
Duties on Lumber imported into Manitoba, from 1880 to 1882 .....	61a	Government Herd Cattle in N. W. T.....	154
Duties, Specific and <i>ad valorem</i> .....	36	Government Steam Tugs, etc.....	142
Duty collected on Wheat and Flour im- ported from U.S.....	61b	Governor General, Commission appointing	77a
Duty on Freight charges.....	68	Governor General and Staff, Expenses of...	150
Duty on Grain, Flour and Coal.....	61	Governor General's Warrants .....	20
<b>E</b>		Governors, Oaths taken by.....	77 & 77a
Eastern Extension Railway (N.B.).....	53j	Grain, Duty on.....	61
Eastern Extension Railway (N.S.).....	53 & 53a	Grand Piles to Lac des Iles Railway, Sub- sidy to.....	21f
East Point, P. E. I., proposed Signal Station	91	G. T. R. Co., Credit of Canada decreed by.	116
Electoral Divisions of Manitoba.....	80	Gravenhurst to Callander, Railway from...	21e
Ellsworth, Arrest of, by U. S. soldiers.....	78	Graving Dock at Esquimalt.....	98
Employés in Military Districts.....	23	Great Western Railway Co., Port Stanley	94
Employés in Public Works Department....	149	Grinding in Bond.....	73
Erie and Huron Railway, Subsidy to.....	21f	Guarantee to C. P. R. by Government..	31, 31c, 31i
Erie, proposed Harbor of Refuge on Lake...	128	Guarantee Insurance.....	11
Escheated Lands.....	117, 117a	<b>H</b>	
Esquimalt and Nanaimo Railway.....	81	Halton County, Canada Temperance Act in.....	30 & 30c
Esquimalt Graving Dock.....	98	Hamilton and North Western Railway.....	31h
Esquimalt Naval Station.....	97	Harbour of Refuge on Lake Erie, proposed.	128
Essex County, proposed Harbor on Lake Erie, in.....	128a	Hay imported into U.S. from Canada, Customs duties on.....	69a
Estimates, 1884-85.....	2	Health Officers, Public.....	113
Estimates, Supplementary, 1883-84.....	2	Heating Public Buildings, Cost of.....	92
Estimates, Supplementary, 1884-85.....	2	Herd Cattle (Government) in N. W. T.....	154
Estimates, Further Supplementary, 1884-85	2	Herring, Inspection of Newfoundland.....	54
Examination of Mates.....	7	Hicks, E., Claim of, against I. O. R.....	53n
Exchange Bank of Canada .....	40	High Commissioner.....	76 to 76e
Expenditure for Sessional Returns.....	42	Historical Archives, Report on.....	14
Expenses and Revenue, I. O. R.....	53b	H. M. Ships of War, British Columbia Coast	97
Expenses of Commissioners, etc.....	22 & 22a	Hodge <i>vs.</i> The Queen .....	30c
Expenses of Committee on Agricultural In- terests.....	36a	Home and Indian Farms.....	51
Expenses, Unforeseen.....	15	Hopewell to Alma, Subsidy to railway from	21f
Exports and Imports for January and Feb- ruary, 1883 and 1884.....	29b	House of Commons, Officers of.....	33
Exports and Imports, last half 1882 & 1883..	46	Hudson Bay Navigation.....	84
		Hughes, D. J., Judge, Conduct of.....	139
		Huron, Shipping on Lake.....	141
		Huron, Water Lots in Harbours of Lake....	114

I	No.	L	No.
Immigrants settled in Ontario.....	106 & 106b	Lieut.-Governors, Quebec, Commissions of	77b
Immigration Agents.....	106a	Life Saving Crew at Port Rowan.....	123
Immigration to Canada, Reports, etc., on.....	76c & 76e & 106b	Life Saving Stations of Canada.....	146
Immigration to Manitoba and N.W.T....	31a & 106b	Lighthouses.....	27 & 27a
Imports and Exports for January and February, 1883 and 1884.....	29b	Liquor imported into N.W.T.....	30b
Imports and Exports, last half 1882 & 1883.	46	Liquors, Intoxicating.....	30 to 30f
Indenture to Printing Contract.....	136	Lithographing for the Dominion Government.....	138
Indian Affairs, Annual Report.....	4	Loan of \$4,000,000, Canadian.....	39
Indian Agencies in Ontario.....	79	London and Port Stanley Railway Co...	91
Indian Harbour (N.S.) Breakwater.....	74	London West, Village of, Survey in the river.....	148
Indian Instruction Farms.....	51	Long Point Lighthouse.....	27a
Indian Lands, Ont., Timber Licenses on....	50	Luard, Major-General, Complaints against	108d & e
Indian Reserve at Fort William.....	50b	Lumber imported into Manitoba, Duties on, from 1880 to 1882.....	61a
Indians at Metlakatla and Fort Simpson, Troubles with.....	79a	<b>M</b>	
Infantry School, No. of men comprising....	108b	Manitoba Agricultural Statistics.....	36c
Ingonish, Breakwater at.....	96	Manitoba, Draining of land in.....	111
Inland Marine Insurance, Abstract for 1883		Manitoba Electoral Divisions.....	80
Inland Revenue, Annual Report.....	3	Manitoba, Extension of Boundaries, etc....	21d
Insurance.....	11	Manitoba, Immigration to.....	31a
Insurance, Report of Superintendent.....	11	Manitoba, Public Lands surveyed in.....	25f
Intercolonial Railway..... 53 to 53p, 21c, 21f		Manitoba, sales of Dominion Lands in.....	25i
Intercolonial Railway, Claims against.....	53n	Manning, McDonald & Co., 2 letters from.	316b
Intercolonial Railway Commission.. 53f, h, m & n		Marine and Fisheries, Annual Report.....	7
Interior, Department of, Annual Report....	12	Marine (Inland) Insurance, Abstract for 1883.....	11
Intoxicating Liquors.....	30 to 30f	Marriages, Baptisms and Burials.....	87
Inverness County, Geology of.....	135	Matte, A., Claim of, against I. C. R.....	53n
Iron, Bounty on manufactured.....	75	Measures and Weights.....	3
Irondale, Bancroft & Ottawa Railway, Subsidy to.....	21f	Mercer vs The Queen.....	117 & 117a
<b>J</b>		Metapediac to Paspebiac, Subsidy to a Railway from.....	21f
Jacques Cartier Union and St. Martin's Junctions, Railway and Bridge, Subsidy to.....	21f	Meteorological Service at St. John, N.B....	143
Jacques, James H., Appointment of.....	47, 47a	Metlakatla, Troubles with Indians at.....	79a
Jemseg, Queen's, N.B., Dredging at.....	99	Mexico, Reciprocal Trade with.....	67
Johnson & Co., And., Claim of, against I. C. R.....	53n	Michaud and Dumais, Skiffington vs.....	129
Jones & Co., E. A., Claim of, against I.O.R	53n	Mile Belt, Lands in.....	25j & 25s
Judicial Salaries, Re-adjustment of.....	118	Military Districts, Employés in.....	23
<b>K</b>		Militia.....	108 to 108e
Kaministiquia and Prince Arthur's Landing Railway.....	31r	Militia, Annual Report.....	8
Kearney, Chas., Appointment of.....	47 & 47a	Militia Staff, Officers of the paid.....	33
Keewatin, Public Lands surveyed in.....	25f	Mineral Lands.....	25b, m, n & 147
Kingston & Pembroke Railway, Subsidy to	21f	Mineral Lands, Regulations for disposal of	147
Kingsville Harbour Works.....	110	Mining Regulations for disposal of other than Coal Lands.....	147
<b>L</b>		Miramichi Valley Railway, Subsidy to.....	21f
Lachine Canal, Wellington Bridge.....	115	Moccasins for the Militia.....	108z
La Cloche Island, etc.....	52	Montreal Drill Shed.....	88a
Lake Ontario, Islands leased in.....	72	Montreal, Portland and Boston Railway...	31h
Lands, Dominion.....	25 to 25v	Montreal, St. John, Halifax to Sydney, Subsidy to a Railway from.....	21f
Lands, Escheated.....	117, 117a	Moose Jaw Town Reserve.....	25v
Lands for Colonization.....	25j & 25k	Mortuary Statistics for first half of 1883....	14
Lands, Indian, Ont., Timber Licenses on....	50	Murphy, M., Claim of, against I. C. R....	53n
Lands in Mile Belt.....	25a & 25s	Murray Bay and Rivière Ouelle, Winter service between.....	45c
Lands in N.W.T., simplification of transfer of.....	25c	<b>Mc</b>	
Laurentian Railway.....	31k-4 & 31n	Macdonald, D., Claim of, against I. O. R....	53n
Lavallière Bay, Explorations near.....	121	MacLean, Roger & Co., Drummond and...	138
Laval University.....	122	McBean and Robinson, Claim of, against I. C. R.....	53n
Leclerc, M., Claim of.....	83	McCourt, D., dismissal of.....	101
Le Courier de St. Hyacinthe, Printing by..	43	McDonell & Co., Alex., Claim of, against I. C. R.....	53n
Library of Parliament, Annual Report....	17	McGillivray, Archibald.....	62
Lieut.-Governor of Quebec, Oath taken by	77	McGreevy, R. H., Claim of, against I.O.R.	53n
		McLennan, R., Claim of.....	85

N	No.	P	No.
Nanaimo Railway, Esquimalt and.....	81	Pontiac Pacific Junc. R., Subsidy to.....	21f
Napanee & Tamworth Railway, Subsidy to "Napoleon III.," S.S.....	21f 45b	Porpoise Fishery, Rivière Ouelle.....	65
Naval Station at Esquimalt.....	97	Port Burwell, proposed Harbour of Refuge	128
Navigation and Trade, Annual Report.....	1	Port Rowan Life Saving Crew.....	123
Navigation of Hudson Bay.....	84	Port Stanley Harbour.....	94
Navigation, School of, at Quebec.....	89	Port Stanley, proposed Harbour of Refuge	128
Neilson & McGaw, Claim of, against I.C.R.	53n	Postal Subsidies, C.P.R.....	31i
New Brunswick Subsidy.....	21	Postmaster-General, Annual Report.....	5
Newfoundland Herring, Inspection of.....	54	Post Offices.....	93 to 93c
North American Contracting Company— 31g-1, 31k-3, 31o		Prince Arthur's Landing & Kaminstiquia Railway.....	31r
North Cape, P. E. I., proposed signal station "Northern Light," S.S.....	91 45b, 126a	Prince County, P.E.I., Canada Temper- ance Act in.....	30d
Northern Pacific Junction Railway Com- pany's Contract.....	21g	Prince Edward Island, Piers in.....	126
Northern Railway Mortgage held by Dominion.....	21c	Prince Edward Island Railway, Free passes on, from 1874 to 1883.....	53o, 53p
North Shore Railway, Sale of W. Section to C.P.R.....	116a	"Prince of Wales," S.S.....	45b
North-West Mounted Police.....	125	"Princess Louise," S.S.....	45, 45a, 45c, & 45d
North-West Territories, Administration of	102	Printing Contract, Indenture to.....	138
N.-W. Territories, Agricultural Statistics.	36c	Prisoners, Cost of conveying to Peniten- tiaries.....	24
North-West Territories, Dewdney, Lieuten- ant-Governor of.....	109	Promotions, Civil Service.....	33a
North-West Territories, Government Herd Cattle in.....	154	Public Accounts, 1882-83.....	2
North-West Territories, Immigration to....	31s	Public Building, Antigonish.....	95
North-West Territories, Ordinances relat- ing to.....	90	Public Buildings, Cost of heating.....	9j
North-West Territories, Public Lands sur- veyed in.....	25f	Public Health Officers.....	113
North-West Territories, sales of Dominion Lands.....	25i	Public Lands.....	25 to 25w
North-West Territories, Sheriff of.....	103	Public Works, Annual Report.....	9
North-West Territories, Town Reserves in, on line of C.P.R.....	25v	Public Works Department, Employés in...	149
Nova Scotia Coal exported to U. S.....	61		
Nova Scotia, Railways in.....	53 & 53a	<b>Q</b>	
Nova Scotia Rivers, Reports on.....	134	Qu'Appelle Valley Farming Co.....	25e
<b>O</b>		Quebec in account with Canada.....	56
Oaths taken by Governors.....	77 to 77b	Quebec Central Ry., right of way on I.C.R	53i
O'Brien, J., builder of "Princess Louise"	45a	Quebec Citadel, Governor's residence in...	150
Ontario in account with Canada.....	56	Quebec, Memo. respecting claims of.....	21f
Ontario Boundary Award.....	145	Quebec Provincial Subsidy.....	70
Ontario, Immigrants settled in.....	106 & 106b	Quebec School of Navigation.....	89
Ontario, Indian Agencies in.....	79	Queen vs. Hodge.....	30e
Ontario, Lake, Islands leased in.....	72	Queen vs. Mercer.....	117 & 117a
Ontario & Pacific Railway, Subsidy to.....	21f	Queen vs. Russell.....	30e
Ontario & Quebec Railway.....	31h	<b>R</b>	
Ontario, Regulations prohibiting fishing in Ordinances relating to N.W.T.....	66a 90	Railway Accidents in Canada.....	35, 53c
Ordnance Lands at Sorel.....	25h & 104	Railway, Canadian Pacific.....	31 to 31bb
Osborne, Fort, Lease of land at.....	25d	Railway, Intercolonial, Accidents on.....	53c
Ottawa & Gatineau Valley Railway, Sub- sidy to.....	21f	Railway Reserve, Vancouver Island.....	105
<b>P</b>		Railways, Accidents on Canadian.....	35 & 53c
Pajot Farm. Claim of Wyandottes on.....	153	Railways and Canals, Annual Report.....	10
Parliamentary Grounds, Ottawa, Wall in front of.....	151	Railways in Nova Scotia.....	53 & 53a
Parliamentary Library, Annual Report.....	17	Railways, Subsidies to.....	21a, 21b & 21f
Pasture Land Leases.....	25w	Rapide du Plat Canal.....	153
Pasture Lands.....	25b, m & n	Receipts and Expenditure charged to Con- solidated Fund.....	29 to 29b
Pelée Island Lighthouse.....	27a	Regina Town Reserve.....	25v
Penitentiaries, Annual Report.....	16	Reserve, Indian, at Fort William.....	50b
Penitentiaries, Cost of conveying prisoners	24	Reserve, Vancouver Island Railway.....	105
Persons confined after sentence in 1882.....	137	Reserves, Indian, Ont., Timber Limits on	50
Pictou Branch Railway, N.S.....	53 & 53a	Reserves, Town, in N.W.T. on line of C.P.R.	25w
Point Escuminac, Breakwater at.....	96a	Revenue and Expenses, I.C.R.....	53b
		Richelieu & Ontario Navigation Co.....	104
		Richmond County, Geology of.....	135
		Rideau Hall and Grounds.....	150
		Rivière Ouelle and Murray Bay, Winter service between.....	45e
		Rivière Ouelle, Porpoise Fishery.....	65
		Robertson, John, Claim of.....	119
		Rondeau Lighthouse.....	27a
		Royal Society Proceedings, Publishing the.	43
		Russell, J., Claim of, against I.C.R.....	53n
		Russell vs. The Queen.....	30e



# LIST OF SESSIONAL PAPERS.

ARRANGED NUMERICALLY AND IN VOLUMES.

## CONTENTS OF VOLUME A.

CENSUS OF CANADA, 1880-81, Vol. II.

### CONTENTS OF VOLUME No. 1.

- No. 1... TRADE AND NAVIGATION :—Tables of, for the fiscal year ended 30th June, 1883.

### CONTENTS OF VOLUME No. 2.

- 2... PUBLIC ACCOUNTS :—For the fiscal year ended 30th June, 1883.

ESTIMATES :—Of sums required for the service of the Dominion, for the year ending 30th June, 1885.

Supplementary Estimates of sums required for the service of the Dominion, for the year ending 30th June, 1884.

Supplementary Estimates of sums required for the service of the Dominion, for the year ending 30th June, 1885.

Further Supplementary Estimates of sums required for the service of the Dominion, for the year ending 30th June, 1885.

### CONTENTS OF VOLUME No. 3.

- 3... INLAND REVENUE :—Report, Returns and Statistics of, for the fiscal year ended 30th June, 1883.

Supplement No. 1 :—Canal Statistics for the season of Navigation, 1883.

Supplement No. 2 :—Weights and Measures, 1883.

Supplement No. 3 :—Adulteration of Food, 1883.

- 4... INDIAN AFFAIRS :—Annual Report of the Department of, for the year ended 31st December, 1883.

### CONTENTS OF VOLUME No. 4.

- 5... POSTMASTER GENERAL :—Report of, for the year ended 30th June, 1883.

- 6... AUDITOR GENERAL :—Report of, on Appropriation Accounts, for the year ended 30th June, 1883.

### CONTENTS OF VOLUME No. 5.

- 7... MARINE AND FISHERIES :—Report of the Department of, for the fiscal year ended 30th June, 1883.

Supplement No. 1 :—Report of the Chairman of the Board of Steamboat Inspection, Examination of Mates, &c., for the calendar year ended 31st December, 1883.

Supplement No. 2 :—Report of the Commissioner of Fisheries, for the year ended 31st December, 1883.

## CONTENTS OF VOLUME No. 6.

- No. 8... MILITIA :—Report on the state of, for the year 1883.
- 9... PUBLIC WORKS :—Annual Report of the Minister of, for the fiscal year 1882-83.
- 10... RAILWAYS AND CANALS :—Annual Report of the Minister of, for the fiscal year ended 30th June, 1883.
- 10a. RAILWAY STATISTICS OF CANADA :—Capital, traffic and working expenditure of the railways of the Dominion, for the year ended 30th June, 1883.

## CONTENTS OF VOLUME No. 7.

- 11... INSURANCE :—Report of the Superintendent of, for 1882.  
 Fire and Inland Marine Insurance Companies : Abstract Statements of, for the year 1883.  
 Life and Accidental Insurance in Canada : Abstract of, for the year 1883.
- 12... INTERIOR :—Annual Report of the Department of, for the year 1883.
- 13... SECRETARY OF STATE OF CANADA :—Report of, for the year ended 31st December, 1883.

## CONTENTS OF VOLUME No. 8.

- 14... AGRICULTURE :—Report of the Minister of, for the calendar year 1883.  
 Report on Historical Archives.  
 Criminal Statistics for 1883.  
 Mortuary Statistics, for the first six months of 1883.

## CONTENTS OF VOLUME No. 9.

- 15... BRITISH COLUMBIA :—Agreement made at Victoria, on 20th August, 1883, relative to various unsettled points between the Dominion Government and the Province, together with the contract for the construction of a railway on the Island of Vancouver, and accompanying papers.
- 15a. Return (*in part*) to Order; Statement showing the names, etc., of all employés in the various Departments of the Dominion in British Columbia. (*Not printed.*)
- 15b. Supplementary Return to preceding. (*Not printed.*)
- 16... PENITENTIARIES IN CANADA :—Report of the Minister of Justice on, for the year ended 30th June, 1883.
- 17... LIBRARY OF PARLIAMENT :—Report of the Librarian. (*Sessional Papers only.*)
- 18... UNFORESEEN EXPENSES :—Statement of payments charged to, by Orders in Council, from 1st July, 1883, to date, in accordance with the Act 46 Vic., chap. 2, schedule B. (*Sessional Papers only.*)
- 19... SUPERANNUATION :—Statement of name, etc., of each person superannuated, etc., under the Act 46 Vic., chap. 8, sec. 15.
- 19a. Return (*in part*) to Order; Statement showing separately, for each year since the establishment of the Superannuation Fund:—1. The number of persons on the list for the year as entitled to the benefit of the Act. 2. The number superannuated during the year under the Act. 3. The number retired during the year on a gratuity under the Act. 4. The total amount paid into the fund from the beginning by those who were, during the year, superannuated or retired on a gratuity; distinguishing between those whose superannuation was caused by the abolition of office. 5. The number of persons on the list, for the year, who died in the Service;—and 6. The total amount paid into the fund from the beginning by those who, during the year, died in the Service.



- No. 19b. SUPERANNUATION :—Supplementary Return, covering time lapsed since preceding order. (*Sessional Papers only.*)
- 19c. Return to Order; Return of the total amount paid into the Superannuation Fund during the time of service by each of those superannuated during the year ended 31st December, 1883. (*Sessional Papers only.*)
- 20... GOVERNOR GENERAL'S WARRANTS :—Statement of, issued since the last Session of Parliament, in accordance with the Act 41 Vic., chap. 7, sec. 32, sub-sec. 2, on account of the fiscal years, 1882-83, and 1883-84. (*Distribution only.*)
- 21... SUBSIDIES :—Return to Order; Return of moneys advanced to New Brunswick, on account of and in anticipation of the subsidy, since January 1st, 1882, etc. (*Not printed.*)
- 21a. Return to Order; Statement of all sums paid by Canada on account or in full of the subsidies voted to the several railway companies mentioned in chapter 25, Act 46 Vic. (1883).
- 21b. Return to Address; Copies of all correspondence, etc., respecting the grant or payment of any subsidies to railways, not already brought down, to date.
- 21c. Return to Address; Statement showing: 1. The names of all railway companies which have made application to the Government or Parliament of Canada for subsidies from 1867 up to this date; 2. The names of the railway companies to which have been granted and paid subsidies by the Dominion Government, from 1867 to this date; 3. The sums paid to each of the said railway companies from 1867 to this date; 4. The length of the said Railways; 5. The names of the Province or Provinces traversed by the said railways; 6. The original amount of the mortgage held by the Dominion on the properties of the Northern Railway Company of Canada; 7. Copy of the Order in Council effecting the discharge of the said mortgage in favour of the said company, the date of the said discharge, and the amount of interest accrued on the said mortgage at the date of discharge; and 8. The amounts paid by the Government of Canada, from 1867 to this date, for the extension of the Intercolonial Railway in the City of Halifax. (*Not printed.*)
- 21d. Return to Address; Copies of all correspondence, etc., not already brought down, in reference to subsidies or grants for Manitoba, the extension of its boundaries, the territory disputed between it and Ontario; its school lands, public lands within the Province, and railway questions affecting the Province.
- 21e. Return to Address; Copies of all correspondence, etc., respecting the construction or subsidizing of the proposed railway line between Gravenhurst and Callander. (*Not printed.*)
- 21f. Papers respecting aid to Quebec and other Provinces and railway subsidies, as follows:—Memorandum respecting the claim of Quebec; Montreal to St. John, Halifax and Sydney; Irondale, Bancroft and Ottawa Railway; Pontiac Pacific Junction Railway; Ottawa and Gatineau Valley Railway; Napanee and Tamworth Railway; Erie and Huron Railway; Ontario and Pacific Railway; Kingston and Pembroke Railway Company; Railway and Bridge between Jacques Cartier Union Railway Junction and St. Martin's Junction; St. Louis to Richibucto Railway; Hopewell to Alma; St. Andrews to Lachute Railway; Grand Piles to Lac des Iles Railway; Western Counties, Annapolis to Digby Railway; Baie des Chaleurs, Caraquet to Shippigan; Metapediac to Paspébiac; Miramichi Valley Railway; Derby Station to Indian Town (I. C. R. Branch.) (*Sessional Papers only.*)
- 21g. Copy of contract between Her Majesty the Queen, acting in respect of the Dominion of Canada, and therein represented by the Hon. Sir Charles Tupper, K.C.M.G., Minister of Railways and Canals,—and the Northern Pacific Junction Railway Company. (*Not printed.*)
- 22... EXPENSES OF COMMISSIONERS, ETC. :—Return to Order; Return showing the expenses in detail incurred by the several members of the Government, and any other person sent to England or elsewhere, on behalf of the Government, from 16th December, 1880, to the present. (*Not printed.*)
- 22a. Supplementary Return to preceding. (*Not printed.*)

- No. 23... EMPLOYÉS IN MILITARY DISTRICTS:—Return to Order; Return showing the name of each officer and employé in each Military District, with salary and date of appointment. (*Not printed.*)
- 24... COST OF CONVEYING PRISONERS:—Return to Order; Statement showing the cost per capita of conveying prisoners from county gaols to penitentiaries, in the years 1880-81 and 1881-82. (*Not printed.*)
- 25... DOMINION LANDS:—Return to Order; Return showing the total acres of public land sold during the year 1882, the number of parties to whom sold, the average price, and the total amount received from sales.
- 25a... Return (*in part*) to Address; 1. Copies of all correspondence, etc., with the Land Commissioner at Winnipeg, or other land agent, respecting the withdrawal of lands in the Mile Belt from homestead and pre-emption, and respecting the opening of said lands for homestead and pre-emption. 2. All correspondence, etc., as to the claims of settlers and squatters on such lands. 3. All correspondence, etc., respecting the sale of such lands, etc. 4. All regulations respecting the claims made by settlers or squatters on such land. (*Not printed.*)
- 25b... Return to Order; Return giving copies of all regulations or orders issued concerning the sale or management of Agricultural Lands, Timber Lands, Pasture Lands, Mineral Lands and Town Sites, not covered by the Order of last Session. (*Not printed.*)
- 25c... Return to Order; Representation to the Government on the subject of the simplification of the system of transfer of lands of the North-West. (*Not printed.*)
- 25d... Return to Order; Copies of correspondence, if any, between the Mayor and Council of Winnipeg and the Government, in reference to a grant or lease of the land at Fort Osborne to the city for park purposes. (*Not printed.*)
- 25e... Return to Address; Copies of the Order in Council setting apart lands to be granted to the Qu'Appelle Valley Farming Company; also, all correspondence, etc., in reference to the fulfilment of the terms of said order, and the removal of settlers found on said lands, etc. (*Not printed.*)
- 25f... Return to Order; Return showing the total number of acres of public lands surveyed in Keewatin, Manitoba and the North-West Territories, previous to the year 1883, and the cost per acre of such survey. (*Not printed.*)
- 25g... Return to Order; Return showing the total number of acres of public lands entered as homesteads and pre-emptions during the year 1883, with the number of such entries, etc. (*Not printed.*)
- 25h... Return to Address (Senate); Return showing all Orders in Council, etc., since 1st January, 1882, with reference to the sale of, or the order for the sale of, Ordnance Lands in Sorel Seigniorly. (*Not printed.*)
- 25i... Return to Order; Return concerning the sales of Dominion Lands in Manitoba and the North-West Territories during 1882. (*Not printed.*)
- 25j... Return to Order; Return showing the total number of applications for land for colonization, under Plan No. 1 of the land regulations of December 23rd, 1881, where conditions have been complied with and applications agreed to, etc., up to January 1st, 1883. (*Sessional Papers only.*)
- 25k... Return to Order; Return showing the total number of acres of public lands sold in the year 1883, the average price per acre, and the total amount received from such sales; also, the number of applications under Colonization Plans Nos. 1 and 2, under regulations of December 23rd, 1881, the number of acres granted under each application, etc. (*Not printed.*)
- 25l... Return to Order; Return showing the number of acres or square miles of timbered lands or timber limits sold by the Government since 1st March, 1883, in or convenient to the Bow River country, in the North-West, giving the names of the parties sold to, and the prices paid, etc. (*Not printed.*)
- 25m... Supplementary Return to No. 25b. (*Not printed.*)
- 25n... Return to Order; Return giving copies of all regulations issued concerning the management or sale of Agricultural Lands, Mineral Lands, Timber Lands, Pasture Lands, and Town Sites, since December 23rd 1881. (*Not printed.*)

- No. 25o. DOMINION LANDS :—Return to Order; Return of all Reports not hitherto published, relating to the character and probable resources of the country through which the Canadian Pacific Railway is being constructed, to the north of Lakes Huron and Superior, embracing all information in possession of the Government in respect to the whole of the region intervening, between the Great Lakes and the southern coast of Hudson Bay. (*Not printed.*)
- 25p. Return to Order; Copies of all applications for, etc., and statement of all sales or leases made of Coal Lands in the North-West, not covered by the Returns already ordered, and of the particulars of all conversions of leaseholds into freeholds of Coal Lands; and the payments made under any leases, sales or conversions. (*Not printed.*)
- 25q. Return to Address; Copies of all correspondence between the Provincial Agricultural and Industrial Society, also the Board of Agriculture of Manitoba, and the Government, on the subject of a grant of land in Winnipeg for Exhibition purposes. (*Not printed.*)
- 25r. Return to Order; Return showing the number of acres of Public Lands surveyed in Manitoba and the North-West Territory, in the year 1883, and the cost per acre of such survey. (*Not printed.*)
- 25s. Supplementary Return to No. 25a. (*Not printed.*)
- 25t. Return to Address; Copies of all correspondence, etc., with agents, as to the withdrawal from homestead and pre-emption of all lands south of the main line of the Canadian Pacific Railway; also, the existing regulations in respect to the disposal of said lands. (*Not printed.*)
- 25u. Return to Address; 1. Copies of all correspondence, etc., with agents as to the withdrawal from homestead and pre-emption of the lands south of the Canadian Pacific Railway. 2. All correspondence, etc., as to the claims of settlers or squatters on such lands. 3. All correspondence, etc., respecting the sales of such lands. 4. All sales effected privately up to 1st January, 1884; with the conditions and price. 5. All correspondence, etc., respecting the re-opening of said lands for homestead and pre-emption. (*Not printed.*)
- 25v. Return to Address; 1. Copies of all correspondence, etc., with the agents of the Government respecting the withdrawal from homestead and pre-emption of all lands in the Town Reserve, at Regina, Moose Jaw, and other places in the North-West Territories on the line of the Canadian Pacific Railway, and respecting the re-opening of the said lands for homestead and pre-emption, with the terms and conditions on which so re-opened. 2. All correspondence, etc., as to the claims of settlers and squatters on such lands. 3. All correspondence, etc., respecting the sale of such lands. 4. All regulations, etc., respecting the claims made by settlers or squatters on such lands. (*Not printed.*)
- 25w. Return to Order; Return showing the number of Pasture Land Leases granted in the year 1883, the name of each lessee, the estimated number of acres covered by each lease, the term of each lease, the sum received and to be received upon each lease, and the total number of acres leased, and the total receipts from leases during the year. (*Distribution only.*)
- 26... VICE-ADMIRALTY COURTS :—Return to Address; Return showing the amount of money paid as the emoluments of their offices, to the Judge, Registrar and Marshal of the Vice-Admiralty Courts at Quebec, Halifax and St. John, respectively; also, a Return showing the number of libels filed and cases tried in the said Courts respectively, from 1st July, 1867, to the present date. (*Distribution only.*)
- 26i. Return to Address; Copies of all dispatches not already brought down, from the Imperial Government, in relation to the Vice-Admiralty Courts in the Dominion, and the change of procedure and practice therein. (*Not printed.*)
- 27... LIGHTHOUSES :—Return to Order; Copies of all correspondence, etc., in connection with the erection of a lighthouse at Westhavers' Point, Hubbard's Cove, Lunenburg County, and all instructions to the Commander of the steamship "Newfield," or any other officer of the Government, in reference to said lighthouse, under which he acted on 10th June, 1882; also, copy of agreement for the purchase of land for said lighthouse between the Government and C. E. Kaulbach, Esq., M.P. (*Not printed.*)

- No. 27a. LIGHTHOUSES :—Return to Order; Return showing in detail the amounts expended, with vouchers, from 1st January, 1880, in repairs on the Pelée Island, Long Point and Rondeau lighthouses; also, copy of all correspondence between the Government and John Corbett, also William Grubb, or any other person relating to the Pelée Island lighthouse. (*Not printed.*)
- 28... DOMINION MONEY ON DEPOSIT :—Return to Order; Statement showing the amount of money on deposit to the credit of the Government of Canada on 1st January, 1884, together with the names of the banks wherein the said moneys are deposited, with the amount; also the amount at interest, with the rate allowed on the said deposits in each case. (*Distribution only.*)
- 29... RECEIPTS AND EXPENDITURE :—Return to Order; Return of, in detail, chargeable to the Consolidated Fund, from 1st July, 1882, to 20th January, 1883, and from 1st July, 1883, to 20th January, 1884. (*Distribution only.*)
- 29a. Return to Order: Return of, chargeable to the Consolidated Fund, to 10th February, in each of the fiscal years 1883 and 1884. (*Distribution only.*)
- 29b. Return (*in part*) to Order: Statement of, chargeable to the Consolidated Fund, to 20th March, 1883 and 1884, in each year respectively; also, for Return of Exports and Imports to 1st March, 1883 and 1884, respectively. (*Not printed.*)
- 30... INTOXICATING LIQUORS :—Return to Order; Return of all certificates for liquor granted under the Act of 1878 by the physicians of the County of Halton, giving the name of each physician and the number of certificates granted by each, from 1st May to 31st December, 1882. (*Not printed.*)
- 30a. Return to Order; Return showing quantity of intoxicating liquors imported, manufactured and entered for consumption in Canada, during the year ended 31st December, 1883, by Provinces, with the Customs and Excise duties accruing thereon, and the total cost thereof. (*Not printed.*)
- 30b. Return to Address; Copies of all correspondence, etc., on the subject of the importation of liquor into the North-West Territories. (*Not printed.*)
- 30c. Return of liquors sold to parties in the County of Halton, under the Canada Temperance Act, 41 Vic., chap. 16.
- 30d. Return to Order; Return of all certificates given by medical men under the Temperance Act, 1878, in Prince County, P.E.I., since that Act came into force in that County, showing by whom, to whom, and when granted. (*Distribution only.*)
- 30e. Return to Address; Copies of judgment of the Supreme Court of Canada, not already brought down, on the question of the legislative power with reference to the regulation of the sale of intoxicating liquors, and of the judgment of the Judicial Committee of the Privy Council in the case of Hodge against the Queen on the same subject, and of the shorthand writer's notes of the proceedings before the Committee, and of any correspondence in connection with the case; and also, for copies of the shorthand writer's notes of the proceedings before the Committee in the case of Russell and the Queen. (*Sessional Papers only.*)
- 30f. Return to Address; Copies of all correspondence between the Government and the Provinces respecting the Liquor License Act of 1883. (*Sessional Papers only.*)
- 31... CANADIAN PACIFIC RAILWAY :—Correspondence relating to the guarantee by the Government of interest on the stock of the Company.
- 31a. Resolution of the House; Report giving information affecting the Railway, up to the latest date :—1. The selection of the route. 2. The selection or reservation of land. 3. The payment of moneys, subsidy, advance, etc. 4. The laying out of branches. 5. The rates of tolls for passengers and freight. 6. Sundry subjects, construction of bridges, etc. 7. (1.) Transfer and operation of the Thunder Bay section, and (2.) Valuation of the rolling stock to be taken over by the Company.
- 31b. Copies of contracts for the Railway, entered into since last Session of Parliament. (*Sessional Papers only.*)
- 31c. Papers connected with an application from the Company, for an advance, on security, of a sum sufficient to enable them to continue the work of construction. (*Sessional Papers only.*)

- No. 31d.** CANADIAN PACIFIC RAILWAY;—Supplementary Return to No. 31a. (*Not printed.*)
- 31e.. Copies of correspondence with the Finance Department relating to the affairs of the Company, since the date of the last Return to the House of Commons last Session. (*Sessional Papers only.*)
- 31f. Return concerning the Company:—Pages X to XV, pages 7 to 13 (Appendix No. 3), and pages 152 to 154 (Appendix No. 9) of Departmental Report, also memorandums by Mr. Schreiber, 2nd February, 1884, on location and unfinished work. Profiles from 1 to 16, showing branch lines, main line, and approved sections thereof. Statistical return required by Consolidated Railway Act, and report of payments, etc. (*Sessional Papers only.*)
- 31g. Return to Address; Copies of all contracts made by the Company for the construction of any part of its railway. (*Sessional Papers only.*)
- 31g-1. Return to Address; Copy of the instrument of incorporation or association of the North American Contracting Company, and the names of shareholders or associates thereof. (*Sessional Papers only.*)
- 31h. Return to Address; Copies of any official or public memoranda, etc., of the Company relative to its position, etc., not already brought down. (*Sessional Papers only.*)
- 31h-1. Return to Address; Statement showing the amount of the subscribed stock of the Company, prior to the authorization for an increase of its capital stock from \$25,000,000 to \$100,000,000, etc. (*Sessional Papers only.*)
- 31i. Return to Address; Copies of all reports, etc., not laid on the Table, respecting the guarantee for the Company; and respecting any proposed modification of that arrangement; also, respecting the postal subsidies. (*Sessional Papers only.*)
- 31j.. Return to Order; Statement containing estimates of further sums required to be paid to the contractors for Section B or to the Company, on account of contract for construction, or of any subsequent agreement. (*Not printed.*)
- 31k. Return to Address; Statement of the cost of the first forty miles west of Callander, built by the company, and the payments in detail made to the Construction Company in respect of the line west to Sudbury Junction or beyond; the cost of any work done by the Company on this section since the cancellation of the contract with the Construction Company up to 31st December, 1883, and the names of the persons with whom contracts for such work were made, with copies of their contracts; like particulars in respect of the line from Port Arthur eastward; and statement of the cost of the Algoma Mills Branch. (*Sessional Papers only.*)
- 31k-1. Return to Address; Statement of the mileage built by, and the payments to, the Construction Company, in respect of the railway line from the point 45 miles east of the Saskatchewan going westward; of the cost to the Company of the line from the above point to the summit of the Rockies; of the estimated cost to complete that part of the railway unfinished between Callander and Port Arthur, and separately of the equipment for this part; of the estimated mileage cost of this part, and that of the very heavy section of 100 miles; like statement to complete that part left unfinished between the Rocky Mountains and Kamloops. (*Sessional Papers only.*)
- 31k-2. Return to Address; Statement of the mileage cost of the line for the 615 miles west of Winnipeg to a point 45 miles east of the Saskatchewan, and the names of the contractors, with copies of their contracts, including *Shepherd and Lanndon's*. (*Sessional Papers only.*)
- 31k-3. Return to Address; Statements concerning the North American Contracting Company. (*Sessional Papers only.*)
- 31k-4. Return to Address; Statement of the consideration paid by the Company for (1) the St. Lin Branch, or Laurentian Railway; (2) the Canadian North-West Land Company's stock; (3) the securities or property of the South Eastern Railway; (4) the charter of the Atlantic and North-Western Railway Company. (*Sessional Papers only.*)

- No. 31k-5 CANADIAN PACIFIC RAILWAY:—Return to Address; Statement of the net price received by the Company for each lot of ten millions of stock comprising the thirty millions issued to a syndicate, etc.; also, the date and rate at which the twenty millions remaining of the original stock of twenty-five millions was taken, and dates at which the five million dollars was paid thereon. (*Sessional Papers only.*)
- 31l. Return to Address; Copies of correspondence between the Government and the Company, and any other railway company, with regard to the opening of the Union Jacques Cartier Railway. (*Sessional Papers only.*)
- 31m. Supplementary Return to 31k-5. (*Sessional Papers only.*)
- 31n. Supplementary Return to 31k-4. (*Sessional Papers only.*)
- 31o. Supplementary Return to 31k-3. (*Sessional Papers only.*)
- 31p. Return to Order; Map or maps, showing the location of the Railway and branches, so far as approved, and so far as proposed. The lands set apart and those applied for but not yet set apart. (*Not printed.*)
- 31q. Return to Address; Copies of any agreement between the Government and the contractors for Section B, in regard to the transfer of the contract, and of any Orders in Council giving effect to said agreement. (*Sessional Papers only.*)
- 31r. Return to Address; Copy of a Memorial to His Excellency in Council, signed by Frank Moberly and W. A. McCallum on behalf of the inhabitants of Neebing, praying for relief with reference to their bonuses to the Prince Arthur's Landing and Kaministiquia Railway Company. (*Not printed.*)
- 31s. Return to Address; Copies of all correspondence, etc., between the Government and the Company, on the subject of immigration to Manitoba and the North-West, together with a Statement showing the amount expended by the Company in promoting such immigration, etc. (*Not printed.*)
- 31t. Return to Address; Copies of all correspondence, etc., relating to the allowances proposed to be paid to the Canadian manufacturers of certain goods required by the Railway; all applications for such allowance, a Statement of the calculations on which the allowances have been based, and the estimate in detail of the probable sums payable out of the Treasury in respect of each class of goods, assuming them to be made in Canada, to the extent of the Company's requirements, and of the *ad valorem* percentages of all allowances on each such class. (*Sessional Papers only.*)
- 31u. Return to Address; Statement showing the names of all shareholders of the Company and the amounts of stock held by each on each of the following days, namely: 14th, 21st, 28th October, and 4th November, 1883. (*Sessional Papers only.*)
- 31v. Return to Address; 1. For a statement of the expenditure in connection with the St. Lawrence and Ottawa Railway. 2. For a statement in full detail of the amount of \$473,000 or thereabouts stated to be for sundry advances, carriers, back charges and other matters. 3. For a statement, in detail, of the payments on account of interest on stock. 4. For copies of all reports, etc., on which the estimates of the Company and Mr. Schreiber, as to the cost of completing the railway are founded. (*Sessional Papers only.*)
- 31w. Supplementary Return to No. 31k-2. (*Sessional Papers only.*)
- 31x. Supplementary Return to Statement No. 31k-1. (*Sessional Papers only.*)
- 31y. Supplementary Return to No. 31k. (*Sessional Papers only.*)
- 31z. Return to Address; Copies of all papers, etc., in connection with all payments or advances to the Company on any account whatever, not included in the statements already brought down. (*Sessional Papers only.*)
- 31aa. Papers in connection with arbitrations arising out of claims in respect to the construction of certain sections of the Railway. (*Sessional Papers only.*)
- 31bb. Copies of letters from Messrs. Manning, McDonald & Co., of the 7th January, —a d 24th February, 1881, respectively. (*Sessional Papers only.*)

## CONTENTS OF VOLUME No. 10.

- No. 32... BANKS :—Lists of Shareholders of the Canadian Banks for the year 1883.
- 33... CIVIL SERVICE :—Return (Senate) of the names and salaries, etc., of the employés of the Civil Service, also the officers of the paid Militia Staff, the Senate and House of Commons. (*Sessional Papers only.*)
- 33a. Return (Senate) of the names and salaries of all persons appointed to or promoted in the Civil Service during the year ending 31st December, 1883, specifying the office to which each has been appointed or promoted. (*Sessional Papers only.*)
- 33b. Report of the Examiners for the year 1883.
- 34... BONDS AND SECURITIES :—Detailed statement of, registered in the Department of the Secretary of State of Canada. (*Not printed.*)
- 35... ACCIDENTS ON CANADIAN RAILWAYS :—Return to Order; Return of accidents and casualties on the railways in Canada for the three years ended 31st December, 1882, with a separate statement for each railway, etc. (*Not printed.*)
- 36... AGRICULTURE :—Return to Orders; Statement of the values of agricultural implements, carriages, etc., on which have been based the proposed new specific duties, etc.; also, Statement of the values assigned in making the calculations of the duties to be proposed for the various articles on which specific or combined specific and *ad valorem* duties are proposed to be charged under the Tariff Resolutions. (*Not printed.*)
- 36a. Statement (*in part*) of all expenses incurred by the Committee appointed during the Session of 1882, to enquire into and report upon the operation of the Tariff upon the Agricultural Interests of the Dominion. (*Not printed.*)
- 36b. Return to Order; Copies of all Petitions to the Minister of Agriculture, requesting that prizes be granted for the best essays upon the Agricultural Industries and Mechanical Arts, and that the essays upon these subjects be distributed among the farmers and artisans. (*Not printed.*)
- 36c. Report on Agricultural Statistics of Manitoba and the North-West Territories, for the year 1883. (*Not printed.*)
- 37... DUFFERIN BRIDGE, OTTAWA :—Return to Address; Copies of all correspondence, etc., in reference to the remission of duty on the iron imported for the construction of Dufferin Bridge in 1873. (*Not printed.*)
- 38... DOMINION STATUTES :—Official Return of the distribution of, being 46 Victoria, 1883. (*Not printed.*)
- 38a. Report of the Commissioners appointed to consolidate and revise the Statutes of Canada. (*Not printed.*)
- 39... CANADIAN LOANS :—Return to Order; Copies of all Departmental Orders, etc., as to the proposed Canadian loan of four millions. (*Not printed.*)
- 39a. Return to Address; Copies of all papers, etc., relative to the mission of the Minister of Finance to England, in 1883, for the purpose of making arrangements for the issue of a new loan. (*Not printed.*)
- 40... EXCHANGE BANK OF CANADA :—Return to Address; Statement in detail of the account of the Government with the Bank, and all correspondence, etc., relative to any deposits or withdrawals. (*Not printed.*)
- 41... CENSUS AND STATISTICS :—Report, required by sec. 25 of the Census and Statistics Act of 1879, of operations and expenses during the calendar year 1883. (*Not printed.*)
- 42... SESSIONAL RETURNS, EXPENDITURE FOR :—Return to Order; Statement of the sum expended in each year, since the change of the system, by each Department, out of the lump vote for Sessional Returns. (*Not printed.*)
- 43... LA COURIER DE ST. HYACINTHE :—Return to Order; Detailed Statement of the expenditure of the sums of \$5,000 and \$2,688.74, paid to *Le Courier de St. Hyacinthe*. Also, similar particulars with reference to the expenditure of \$3,239.20, for publication of the proceedings of the Royal Society. (*Not printed.*)

- No. 44... DAMOUR D., DISMISSAL OF:—Return to Address; Copies of all Orders in Council, etc., in relation to the dismissal of David Damour, heretofore Captain of the Lightship at Isle Rouge. (*Not printed.*)
- 45... DOMINION STEAMERS:—Return to Order; Copy of the report of Captain Scott, R.N., and assessors, with the evidence upon the loss of the steamer "Princess Louise." (*Distribution only.*)
- 45a. Return to Order; Copy of contract, etc., entered into by the Government with Jotham O'Brien, for the building of the steamer "Princess Louise"; also copies of all Orders, etc., relating to the towage of the said steamer from Maccan to Halifax; and also any contracts, etc., in reference to the procuring and building of engines for the said steamer. (*Not printed.*)
- 45b. Return to Order; Copies of all reports made by the steamboat inspectors of hulls and machinery, upon the steamers "St. Lawrence," "Prince of Wales," and "Northern Light," since their appointment; and all correspondence, etc., relating to the stoppage of the two former steamers from carrying passengers and freight during the past season or to the employment of the "Northern Light" and "Napoleon III." in their place. Also, copies of all certificates granted to either of said steamers "Northern Light" and "Napoleon III." Also, copies of all correspondence relating to the state of repair of the "Northern Light," or to her being placed upon the slip at Pictou during the past summer. (*Distribution only.*)
- 45c. Return to Order; Return of the names of the several persons who sent in tenders for the construction of a steamer to replace the "Princess Louise," and of the person to whom the contract was awarded; also, copy of specifications furnished parties tendering. (*Not printed.*)
- 45d. Return to Order; Return of a Statement in detail, of the amount paid Mr. Jotham O'Brien on his contract for building the "Princess Louise," together with any certificates upon which the same or any portion has been paid. (*Not printed.*)
- 45e.. Return (*in part*) to Address; Copies of all correspondence, etc., respecting a grant for the winter service performed on the St. Lawrence, between Murray Bay and Rivière Ouelle, by the steamer "Fulger;" also, a Statement of the sums paid, or to be paid, by the Dominion for that purpose. (*Not printed.*)
- 46... EXPORTS AND IMPORTS:—Return to Order; Return of the Exports and Imports from 1st July, 1882, to 1st January, 1883, and from 1st July, 1883, to 1st January, 1884, distinguishing the products of Canada and those of other countries. (*Distribution only.*)
- 47... JACQUES, JAMES H., AND KEARNEY, CHARLES:—Return to Order; Copies of all correspondence in relation to the appointment of James H. Jacques and Charles Kearney, of Carleton County, N.B., to positions in the Civil Service of Canada. (*Not printed.*)
- 47a. Supplementary Return to preceding. (*Not printed.*)
- 48... DRAWBACKS:—Return to Order; Return of all memorials, etc., asking for a drawback on sugar refined in Canada when exported to any foreign country; also, copy of any regulations made for such drawback. (*Not printed.*)
- 48a. Return to Order; Return of all claims presented for drawback on materials used for shipbuilding, for the year ended 30th June, 1883; also, for the six months ended December 31st, 1883, giving the name of the applicant, etc. (*Distribution only.*)
- 48b. Return to Order; Return of all claims presented for drawbacks on goods manufactured for export (not included in the last Return made to this House), showing the names of all applicants, etc. (*Distribution only.*)
- 48c. Supplementary Return to No. 48. (*Not printed.*)
- 48d. Return to Order; Return showing the amount paid, and to whom paid, etc., as drawback on cotton duck used for sails for ships and fishing boats in 1883. (*Distribution only.*)
- 49... DUSTAN, MR., CLAIM OF:—Return to Address; Copies of all correspondence, etc., with reference to the claim of Mr. Dustan, of Halifax, for a remission of duty on machinery for a sugar refinery. (*Not printed.*)



No. 49a.	DUSTAN, MR., CLAIM OF:—Supplementary Return to the preceding. ( <i>Not printed.</i> )
50...	TIMBER LICENSES:—Return to Address; Return of all Orders in Council, etc., relating to the granting of licenses to cut timber on Indian lands in Ontario, from January, 1875, to date. ( <i>Distribution only.</i> )
50a..	Return to Order; Return showing the total number of timber licenses or permits applied for, and granted, or refused, up to 1st February, 1883, etc. ( <i>Distribution only.</i> )
50b..	Return to Address; Copies of all correspondence, etc., with reference to the granting, cancellation and suspension of licenses to cut timber on the Indian lands near Fort William, on the Fort William Reserve. ( <i>Not printed.</i> )
50c.	Supplementary Return to No. 50a. ( <i>Not printed.</i> )
51...	HOME AND INDIAN INSTRUCTION FARMS:—Return to Order; Return showing the number closed since 1st January, 1882; the location, etc., the reason why closed; also the report, or any supplementary report, of T. P. Wadsworth, Inspector of Indian Agencies, for 1883. ( <i>Not printed.</i> )
52...	LA CLOCHE ISLAND, ETC:—Return to Address; Copies of all correspondence between the Governments of Ontario and Canada as to the sale of La Cloche Island, near Georgian Bay, or the Duck Islands, and as to the claims of the respective Governments with reference to islands in that neighbourhood.
<b>CONTENTS OF VOLUME No. 11.</b>	
53..	INTERCOLONIAL RAILWAY:—Return to Address; Copies of all correspondence between the Local Government and Department of Railways and Canals, respecting railway matters in Nova Scotia since 6th March, 1883.
53a..	Supplementary Return to the preceding.
53b..	Return to Order; Statement of the revenue and expenses of, for the six months ending December 31st, 1883. ( <i>Not printed.</i> )
53c..	Return to Order; Return of casualties, with cause and loss, etc., from March 1st, 1883, to January 1st, 1884. ( <i>Not printed.</i> )
53d..	Return to Order; Return showing the length in miles of the Railway between Rivière du Loup and Moncton; also, between the boundary of New Brunswick and Truro, together with the original cost of constructing the same, not including the rolling stock. ( <i>Not printed.</i> )
53e..	Return to Order; Statement showing the names, etc., of the several principal officials in the service of the Government on the Railway. ( <i>Not printed.</i> )
53f..	Address to Order; Return showing the number of days and the dates upon which the Intercolonial Board of Commissioners held sittings, from 1st January, 1883, to 31st January, 1884, the number of times each member was absent from meetings, the monthly allowances paid to each member, and the total amount paid to each during the time above named; also, dates upon which meetings were held outside of Ottawa, and where. ( <i>Not printed.</i> )
53g..	Return to Order; Statement showing the amounts derived from sales of buildings on the railway between Hadlow and Rivière du Loup, inclusive; by whom sold, the name of the purchaser, and the price paid for each building. ( <i>Not printed.</i> )
53h..	Return to Address; Copies of all correspondence, etc., with the Intercolonial Board of Commissioners, and a statement of the matters referred to them, subsequent to the period covered by the Return to the Address of last Session. ( <i>Not printed.</i> )
53i.	Return to Order; Copies of arrangements made between the Dominion Government and the Quebec Central Railway Company whereby the said Company enjoys the right of way over that part of the Railway, known as the St. Charles Branch. ( <i>Not printed.</i> )
53j..	Return to Address; Copies of all correspondence, etc., not already brought down, between the Governments of the Dominion and New Brunswick, relating to a claim made by the latter for the balance they claim as due them on that portion of the Railway known as the Eastern Extension, since May, 1876. ( <i>Not printed.</i> )

- No. 53k. INTERCOLONIAL RAILWAY:—Return to Order; Return showing the quantity of rolling stock purchased for the Railway during the year ending 31st December, 1883; also, what has been built during the year in the Government workshops. (*Not printed.*)
- 53l. Return to Order; Comparative Statement showing the names, etc., of the employés on the Intercolonial and Prince Edward Island Railways, in the Superintendent's Office, Road Department, Mechanical Department, Stores Department, Accountant's Office; also, the names, etc., of conductors, drivers and station agents on the said respective roads. (*Not printed.*)
- 53m. Copies of Orders in Council appointing three Commissioners to investigate and report on claims arising out of the construction of the railway, etc. (*Sessional Papers only.*)
- 53n. Special Reports of these Commissioners on the claim, viz., of Neilson & McGaw, Duncan Macdonald, Frederick Turgeon, Andrew Johnson & Co., Alexander McDonell & Co., Ebenezer Hicks, Donald Fraser & Co., McBean & Robinson, Martin Murphy, Starr & DeWolf, E. A. Jones & Co., J. M. Blaikie, John Russell, Alphonse Matte, R. H. McGreevy, and Smith & Pitblado. (*Sessional Papers only.*)
- 53o. Return to Order; Statement showing the number of passes, by whom and to whom given, on the Railway, from 1st January, 1874, to 1st January, 1884, in each year. (*Not printed.*)
- 53p. Return to Address (Senate); Return showing the number of free passes on the Intercolonial and Prince Edward Island Railways, issued to persons not actually employed on these railways, between 1st January, 1874, and 31st December, 1883, with the names of the persons to whom, the dates when, and the times or occasions for which the same were issued. (*Not printed.*)
- 54... INSPECTION OF NEWFOUNDLAND HERRING:—Return to Address; Copies of all correspondence between the Governments of Canada and Newfoundland, etc., on the subject of the inspection in Canada of Newfoundland pickled herring imported; statement showing the quantity of Newfoundland herring imported in the different ports of Canada in 1883, the number of barrels and half-barrels of the said fish that have been submitted to our official inspection, and the result.
- 55... BRITISH CANADIAN LOAN AND INVESTMENT Co. :—A list of shareholders and also a statement of its affairs on 31st December, 1883. (*Not printed.*)
- 56... ACCOUNTS OF ONTARIO AND QUEBEC WITH CANADA :—Return to Address; Copies of the statements rendered to Ontario and Quebec as to their accounts with Canada; and all Orders in Council, etc., in connection therewith.
- 57... CHABOT, CHARLES, PETITION OF:—Return to Address; Copy of the complaint or petition of Charles Chabot, of St. Charles de Bellechasse, presented to the Dominion Arbitrators; also, of the record of proceedings before the said Arbitrators, etc. (*Not printed.*)
- 58... CHABOT, LOUIS, PETITION OF:—Return to Address; Copy of the complaint or petition of Louis Chabot, of St. Charles de Bellechasse, presented to the Dominion Arbitrators; also, of the record of proceedings before the said Arbitrators, etc. (*Not printed.*)
- 59... GOSSELIN, E., PETITION OF:—Return to Address; Copy of the complaint or petition of Eugène Gosselin, of St. Charles de Bellechasse, presented to the Dominion Arbitrators; also, of the record of proceedings before the said Arbitrators, etc. (*Not printed.*)
- 60... FRAUDS ON BONDED WHEAT OR FLOUR EXPORTED :—Return to Order; Copies of all correspondence, not already brought down, with reference to frauds upon the Customs in the export of Canadian wheat or flour in satisfaction of bonds given on the importation of United States wheat or flour. (*Not printed.*)
- 61... DUTY ON GRAIN, COAL, ETC. :—Return to Order; Copies of all memorials, etc., relating to the abolition of duty on grain, flour and coal during 1882, and subsequently. (*Not printed.*)

- No. 61a. DUTY ON GRAIN, COAL, ETC.—Return to Order; Copies of all documents in relation to the abolition of the duties on lumber imported into Manitoba; together with a Statement of the quantity imported into Manitoba, and the duty paid thereon, for the years 1880, 1881 and 1882. (*Not printed.*)
- 61b. Return to Order; Return showing quantity and value of wheat and wheat flour (separately), and duty collected thereon, imported from the United States and entered for consumption, for six months ended 31st December, 1883. (*Not printed.*)
- 62... MCGILLIVRAY, ARCHIBALD :—Return to Order; Copies of all correspondence, etc., respecting the filling of the vacancy caused at Morrystown, N.S., by the death of Archibald McGillivray, late Preventive Officer. (*Not printed.*)
- 63... WHEAT, FLOUR, CORN AND CORNMEAL :—Return to Order; Return showing the quantity of wheat and flour, also corn and cornmeal, imported into, and exported from the Dominion, during (1) the five months ended 30th November, and (2) the month of December, 1883. (*Not printed.*)
- 64... COAL :—Return to Address; Copies of any correspondence concerning, or regulations or orders of the United States Government under which Nova Scotia coal imported into the United States ports, is permitted to be used for ocean steamship purposes, without the payment of duty. (*Not printed.*)
- 64a. Return to Order; Statement of all coal entered ex-warehouse, free, or for exportation, during the years ending 30th June, 1882 and 1883. (*Not printed.*)
- 64b. Return to Order (Senate); Return showing quantity of coal carried by the Intercolonial Railway, from points along the line, during the year 1883, showing where delivered and the rate for carriage; and also the coal carried from Nova Scotia by steamboat and sailing vessel to the different ports of the Dominion. (*Not printed.*)
- 65... PORPOISE FISHERY, RIVIÈRE OUELLE :—Return to Order; Copies of the correspondence, etc., respecting the porpoise fishery at Rivière Ouelle, Kamouraska. (*Not printed.*)
- 66... FISHERIES :—Return to Order; Statement showing name, etc., of each vessel that received bounty during the years 1882 and 1883; also name, etc., of each vessel applying for same, and refused, and the grounds of refusal. (*Distribution only.*)
- 66a. Return to Order; Return of all regulations now in force under the provisions of "The Fisheries Act," prohibiting fishing in waters situate in Ontario. (*Not printed.*)
- 66b. Return to Address; Statement showing the number of salmon fishing licenses issued during the years 1881, '82, '83 and '84, from Murray Bay to River au Canard, on the north shore of the River St. Lawrence, with the licensees' names, license fees and other correspondence, etc., relating thereto. (*Not printed.*)
- 67... RECIPROCAL TRADE WITH BRAZIL, WEST INDIES AND MEXICO :—Return to Address; Copies of all correspondence, etc., relating to Reciprocal Trade agreements between the Governments of Brazil, the West India Islands and Mexico, and Canada. Also a statement of the Customs duties imposed by these countries on their imports or exports. A statement of the quantities of the different articles exported to these countries and imported from these countries during the last ten years. A statement of commercial treaties, if such exist, between any of these countries and Great Britain.
- 67a... WASHINGTON TREATY, FISHERY CLAUSES OF :—Return to Address; Copies of all correspondence, etc., having reference to the notice given to the United States Government terminating the Fishery clauses of the Washington Treaty, or relating to any steps taken by the Government, on the subject of the use by American fishermen of the Sea Fisheries of the Dominion in view of the approaching termination of those Fishery clauses.
- 68... FREIGHT CHARGES, DUTY ON :—Return to Address; Copies of all Orders in Council, etc., with reference to the question of duty on freight charges. (*Not printed.*)

- No. 69... CUSTOMS LAWS AND REGULATIONS:—Return to Address; Copies of all correspondence, etc., between the Governments of the Dominion and the United States, and the United States National Distillers' Association, in relation to the modification of the existing Customs laws and regulations of this Dominion, and all Orders in Council, etc., in relation thereto. (*Not printed.*)
- 69a. Return to Address; Copies of all correspondence, etc., between the Governments of Canada and the United States, or the British Minister at Washington, having reference to excessive Customs duties on hay grown in and exported from Canada to the United States, and the refunding of the same. (*Distribution only.*)
- 70... QUEBEC PROVINCIAL SUBSIDY:—Return to Address; Copies of correspondence between the Dominion and Quebec, in relation to the claims of that Province against the Dominion.
- 71... FINES AND SEIZURES AT PORTS OF ENTRY:—Return to Order; Statement showing the number of seizures made at each port of entry in the Dominion during the fiscal year 1882-83; also, during the six months ending 31st December, 1883; the amount of fines exacted, and how disposed of, etc. (*Distribution only.*)
- 71a. Return to Order; Copies of correspondence, etc., respecting the seizure of coal oil barrels at Sandwich, Windsor and Walkerville. (*Not printed.*)
- 71b. Return to Order; Copies of all correspondence relating to the seizure of tobacco from the brig "Adeline;" and the inquiry held the 17th to the 21st May, 1881, at the request of Messieurs Lemessurier & Fils. (*Not printed.*)
- 72... ISLANDS LEASED IN LAKE ONTARIO AND THE ST. LAWRENCE:—Return to Order; Return showing name and location of such islands as are leased in Lake Ontario and the St. Lawrence River. (*Not printed.*)
- 73... GRINDING IN BOND:—Return to Address; Copies of all Orders in Council, etc., not already brought down, on the subject of grinding in bond, or for the import of wheat and flour of United States growth or manufacture; also, for all correspondence on the subject of the transport of Canadian wheat into or through the States, and of all regulations of the United States Customs affecting such transport. (*Not printed.*)
- 74... INDIAN HARBOUR, N.S., BREAKWATER:—Return to Order; Copies of all papers, etc., relating to the building of a breakwater at Indian Harbour, Guysboro', N.S. (*Not printed.*)
75. BOUNTY ON MANUFACTURED IRON:—Return to Address; Copies of all correspondence, etc., on the subject of the bounty on manufactures of iron. (*Not printed.*)
76. HIGH COMMISSIONER:—Return to Address; Copies of all Orders in Council, correspondence, etc., touching the appointment of the present High Commissioner of Canada in London; the discharge of the duties of the Minister of Railways during his absence in England as High Commissioner; and the discharge of the duties of the High Commissioner during his absence in Canada, as Minister of Railways. (*Distribution only.*)
- 76a. Return to Order; Copies of all correspondence relating to any payments, claims or allowances on any account whatever in respect of the office of High Commissioner, not already brought down in separate Statements, in detail, in respect of the office during its tenure by Sir A. T. Galt, and by the present incumbent respectively, and an Estimate, in detail, of all sums payable up to this date, and yet unpaid; also, all correspondence, etc., as to the letting of a residence for the High Commissioner. (*Distribution only.*)
- 76b. Supplementary Return to No. 76. (*Not printed.*)
- 76c. Return to Order; Copies of all reports of the High Commissioner on the subject of immigration to Canada; not already brought down. (*Distribution only.*)
- 76d. Supplementary Return to No. 76. (*Not printed.*)

- No. 76s. HIGH COMMISSIONER:—Return to Order; Copy of the letter of the Minister of Agriculture of 5th July, and all cablegrams addressed to the High Commissioner, calling his attention to the demand existing in Canada for the labouring classes, and informing him that notwithstanding the large immigration which has taken place, the requirements are still unsatisfied. Also, copies of special circulars issued by the steamship companies, quoting the Minister's cable messages by request of the High Commissioner. Also, copies of the cuttings from the London newspapers on the subject, forwarded by the High Commissioner. Also, copies of all cablegrams from Canada, and cuttings from Canadian newspapers, transmitted to England; and all correspondence obtainable on the subject of the labour demand in this country. (*Not printed.*)
77. OATHS TAKEN BY GOVERNORS:—Return to Address; Copies of the Oath or Oaths required to be taken by Governors General of Canada, also by Lieutenant-Governors of Quebec, before entering upon the discharge of their duties as such. (*Sessional Papers only.*)
- 77a. Return to Address; Copies of the Commission appointing His Excellency the Governor General of Canada; the Oath or Oaths required to be taken, and the instructions accompanying the Commission, &c. (*Sessional Papers only.*)
- 77b. Return to Address; Copies of the Commission appointing the several Lieutenant-Governors of the Province of Quebec, to wit: Sir Narcisse Fortunat Belleau, René Edouard Caron, Luc Letellier de St. Just, and Théodore Robitaille; the Oath or Oaths required to be taken; and the instructions accompanying the respective Commissions, etc. (*Sessional Papers only.*)
78. DESERTERS FROM U. S. ARMY:—Return to Address; Copies of all papers, etc., relating to the arrest, in Canadian Territory, by a detachment of United States soldiers, of Henry Watson, said to be formerly a resident of Nova Scotia, and Franklin Switzer, said to be formerly a resident of Kingston, Ontario, and a person surnamed Ellsworth, who were alleged to have deserted from the United States Army. (*Not printed.*)
79. INDIANS:—Return to Address; Copies of all correspondence, etc., respecting the Indian Agent's Office in Toronto, now removed to Ottawa, with a statement showing the names, etc., of all parties since appointed to discharge the duties formerly performed by the Toronto Agency; the amount of money paid to the Indians by each; the number of families in each Agency, etc. (*Not printed.*)
- 79a. Return to Order; Copies of all correspondence between the Superintendent of Indian Affairs in British Columbia, or any other person, and the Dominion Government, respecting the recent troubles with the Indians at Metlakatla, and Fort Simpson. (*Not printed.*)
80. MANITOBA ELECTORAL DIVISIONS:—Return to Order; Return showing the metes, bounds, etc., of each of the Electoral Divisions in Manitoba as represented in the House of Commons of Canada; also, the successful candidates, and when there was a contest, the number of votes cast for each. (*Not printed.*)
81. ESQUIMALT AND NANAIMO RAILWAY:—Return to Address; Copies of all correspondence not yet laid on the Table between the Governments of Canada and British Columbia, on the subject of the construction of the Esquimalt and Nanaimo Railway. (*Distribution only.*)
82. SUPPLY FARM, NO. 20, ON FISH CREEK:—Return to Address; Return showing all Orders in Council, etc., respecting the sale of Supply Farm No. 20, on Fish Creek, near Calgary. Also, a Return showing: 1. The number of acres under cultivation at the time of sale. 2. The buildings thereon and the cost thereof. 3. All applications for the purchase of said farm. 4. A copy of the agreement entered into between the Government and the purchaser. 5. The price agreed to be paid and how paid or payable. 6. And copies of all correspondence between the Government and any person, respecting said farm. (*Not printed.*)
83. DORION, E., AND LECLERC, M., CLAIMS OF:—Return to Address; Copies of the claims of Eustache Dorion, Pilot, and Moise Leclerc, Bailiff, of Lauzon, presented to the Dominion Arbitrators in December, 1883; also, all the record of proceedings in the case. (*Not printed.*)

- No. 84... HUDSON BAY NAVIGATION:—Return to Address; Copies of all correspondence between Canada and the Imperial authorities or with Manitoba, or other parties, on the subject of the navigation of the Hudson Bay, not already brought down. (*Not printed.*)
- 85... McLENNAN, R., CLAIM OF:—Return to Order; Copies of all correspondence, etc., with reference to the claim of R. McLennan to Section 31, Township 21, Range 27 West, North-West Territory. (*Not printed.*)
- 86... PROPOSED FACTORY BILL:—Return to Order; Copies of all correspondence with the Manufacturers' Association, or the Trades and Labour Council, etc., on the subject of the provisions of the proposed Factory Bill. (*Distribution only.*)
- 87... BAPTISMS, MARRIAGES AND BURIALS:—General statements and returns of, for certain districts of the Province of Quebec, for the year 1883. (*Not printed.*)
- 88... DRILL SHEDS:—Return to Order; Copy of advertisement asking for tenders for the removal and rebuilding of the drill shed in St. Thomas, Ontario; also for tenders received, marking the one accepted, with statement of total cost of work done. (*Not printed.*)
- 88a... Return to Address; Copies of the contract awarded for the rebuilding of the drill shed at Montreal, and all reports on the state of the old drill shed and the work to be done; also, copies of all Orders in Council, etc., modifying the terms of the contract, etc., between the Government and the contractor. (*Not printed.*)
- 89... SCHOOL OF NAVIGATION AT QUEBEC:—Return to Address; Copies of all correspondence in relation to the School of Navigation at Quebec, and asking for a subsidy from the Dominion for said school. (*Not printed.*)
- 90... ORDINANCES RELATING TO N.W.T.:—Copy of a Despatch, dated the 1st November, 1883, from the Lieutenant-Governor of the North-West Territories, together with copies of the ordinances passed at a legislative session of the Council of the North-West Territories, and transmitted in accordance with Section II. of "The North-West Territories Act, 1880." (*Not printed.*)
- 91... NORTH CAPE AND EAST POINT PROPOSED SIGNAL STATIONS:—Return to Order; Copies of all correspondence, etc., between the Government and any other parties, relating to the erection of signal stations at the lighthouses at North Cape and East Point, in Prince Edward Island, and the construction of two short lines of telegraph, connecting the same with the telegraph system of Prince Edward Island and Canada. (*Distribution only.*)
- 92... COST OF HEATING PUBLIC BUILDINGS:—Return to Order; Statement for each year, since the change in the system, of the cost connected with the heating of Public Buildings (including wages as well as fuel.) (*Not printed.*)
- 93... POST OFFICES AND CUSTOM HOUSES:—Return to Order; Return giving the name of each city, town and village, with the population, in Canada, in which public buildings (Post Office or Custom House, or both) have been erected, or are in course of erection, since 1st January, 1874, together with the cost and estimated cost of each; also, a Statement showing the revenue derived from the public offices in each such city, town or village. (*Distribution only.*)
- 93a... Return to Order; Copies of the reports of architects, in connection with the selection of a site for the Amherstburg Custom House and Post Office. (*Not printed.*)
- 93b... Return to Order; Return giving the quantity of land bought, and price paid, &c., for lands at Amherstburg, required as sites for Custom House and Post Office buildings. (*Not printed.*)
- 93c... Return to Order; Copies of all correspondence, etc., relating to the construction of the Post Office and Custom House at St. Thomas. (*Not printed.*)
- 94... PORT STANLEY HARBOUR:—Return to Order; Copies of all statements, in reference to the revenue of Port Stanley Harbour, made by the Great Western Railway Company under the terms of their lease of that harbour, and all reports of Government Engineers in regard to the condition of that harbour. (*Not printed.*)

- No. 95... ANTIGONISH PUBLIC BUILDING:—Return to Order; Statement of the amount expended in connection with, also copies of all correspondence relating to the public building at Antigonish, from November 1st, 1881, to the 15th January, 1884. (*Not printed.*)
- 96... BREAKWATERS:—Return to Order; Copies of all correspondence and all engineers' reports for the past two years, regarding the Ingonish Breakwater. (*Not printed.*)
- 96a. Return to Order; Copies of all correspondence, etc., with the Government, in relation to the construction of a breakwater at Point Escuminac, in the Bay of Miramichi, N.B. (*Not printed.*)
- 96b. Return to Order; Copies of contract entered into by John Sinnot for the building of a breakwater at the mouth of St. Peter's Harbour, King's, P.E.I.; statement of all amounts paid for such work; also the names of the sureties and inspector. (*Not printed.*)
97. ESQUIMALT NAVAL STATION:—Return to Address; Copies of all correspondence between the Dominion and the Imperial Governments in reference to the continued maintenance of the Naval Station at Esquimalt and the continuous presence of at least one of Her Majesty's ships in British Columbia waters. (*Not printed.*)
98. ESQUIMALT GRAVING DOCK:—Return to Address; Copy of Order in Council passed in September, 1883, providing for the payment of \$130,000 to British Columbia, on account of Esquimalt graving dock. (*Distribution only.*)
99. JEMSEG, QUEEN'S, N.B., DREDGING AT:—Return to Order; Copies of report of surveys made with a view to dredging at Jemseg, Queen's Co., N.B., and all correspondence, etc., relating thereto. (*Not printed.*)
100. SWAN CREEK, N.B.:—Return to Order; Copies of all reports of surveys made with a view of improving the navigation of Swan Creek and Swan Creek Lake, Sunbury, County, N.B., by dredging or otherwise, and all correspondence referring thereto. (*Not printed.*)
101. McCOURT, D., DISMISSAL OF:—Return to Order; Copies of all correspondence, etc., with reference to Daniel McCourt, lately dismissed from his office as lock tender on the Cornwall Canal, with the date of his appointment, and his age at the time of his dismissal. (*Not printed.*)
102. ADMINISTRATION OF THE AFFAIRS OF THE N.W.T.:—Return to Address; Copies of all representations, etc., of the North-West Council, sent to the Government of Canada, on the subject of the administration of the affairs of the North-West Territories, and the complaints made by, and the grievances of the inhabitants of such Territories. (*Not printed.*)
103. CHAPLEAU, S. J. ST. O.:—Return to Address; Copies of all correspondence, etc., respecting the appointment of Samuel J. St. Onge Chapleau, as a Sheriff in the North-West Territories; also, all complaints and charges, etc., against him while an employé in the Department of Railways and Canals, and the resolutions dispensing with his services in that department. (*Not Printed.*)
104. RICHELIEU AND ONTARIO NAVIGATION Co.:—Return to Address (Senate); Copy of the lease by which the Richelieu and Ontario Navigation Company is in possession of the land upon which are built the barracks situated in the town of Sorel, P.Q. (*Not printed.*)
105. RAILWAY RESERVE ON VANCOUVER ISLAND:—Return to Address; Copies of all correspondence, etc., relative to the rights of settlers or squatters on the railway reserve, Vancouver Island. (*Not printed.*)
- 106 IMMIGRANTS:—Return to Order; Return showing, approximately, the number of immigrants who are supposed to have settled in Ontario in the years 1879, '80, '81, '82 and '83, respectively. (*Not printed.*)
- 106a Return to Order; Return of the number and names of the Immigration Agents employed during the year 1883, with the dates of their appointment, etc.; also, the number still employed, with their salaries and expenses. (*Not printed.*)

- No. 106b IMMIGRANTS:—Return to Order; Statement of the number of persons entering, also leaving, Manitoba by rail, during each month of the year, 1883; also, copies of all correspondence, etc., on which are based the estimates made by the Government of the number of immigrants who have settled in each Province, and in the North-West Territories, during the year; also the number of Canadians who have left the Dominion during the year. (*Not printed.*)
- 107... LIGHTS ON THE ST. LAWRENCE BELOW QUEBEC:—Return to Address; Copies of all petitions, etc., asking for the placing of lights on the River St. Lawrence, north of the Island of Orleans, in the County of Montmorency, in order to protect and facilitate navigation. (*Not printed.*)
- 107a. Return to Order; Copies of all correspondence in relation to the placing of gas floating lights in the River St. Lawrence, below Quebec, for the better guidance of steamers and sailing vessels navigating the said river. (*Not printed.*)
- 108... MILITIA:—Return to Order; Copies of all correspondence regarding the purchase of tents during 1883, by the Department of Militia and Defence. (*Not printed.*)
- 108a. Return to Order; Copies of all correspondence, etc., in connection with the purchase of Moccasins by the Department of Militia and Defence, during the year 1883. (*Not printed.*)
- 108b... Return to Order; Return showing the number of officers, non-commissioned officers and men at present comprising A, B and C Batteries, the Cavalry School and the Schools of Infantry. Also, a Return giving the names, dates of appointment, etc., of the commissioned officers of A, B and C Batteries, the Cavalry School and the three Infantry Schools, distinguishing such as are graduates of the Royal Military College. (*Not printed.*)
- 108c... Return to Order; Copies of all accounts and vouchers, including transport requisitions, rendered by the Canadian Express Company to the Department of Militia and Defence, for transport during the months of May, June, July, August and September, of 1883. (*Not printed.*)
- 108d. Return (*in part*) to Address; Copies of all letters of complaint, and replies thereto, etc., respecting the conduct of Major-General Luard at Cobourg, or elsewhere, sent by Lieut.-Col. A. T. Williams, M.P., or any other person, to the Government. (*Not printed.*)
- 108e. Supplementary Return to the preceding. (*Not printed.*)
- 109... DEWDNEY, LIEUT.-GOV. N. W. T.:—Return to Address; Copies of all correspondence, etc., respecting the appointment of an Administrator of the Government of the North-West Territories in the absence of Lieutenant-Governor Dewdney. All correspondence respecting any mission entrusted to said Lieutenant-Governor, the nature, and the instructions given, etc. (*Not printed.*)
- 110... KINGSVILLE HARBOUR WORKS:—Return to Order; Copy of all petitions, etc., respecting the Kingsville Harbour Works. (*Not printed.*)
- 111... DRAINING OF LAND IN MANITOBA:—Return to Address; Copies of all reports, etc., not already brought down, in reference to the improvement of Fairford River, the outlet of Lake Manitoba; the removal of the sand bar at the mouth of Red River, and the obstructions in Nelson River, the outlet of Lake Winnipeg, with a view to draining the submerged lands in the Province of Manitoba. (*Not printed.*)
- 112... AMERO, ROGER, ARREST OF, ETC.:—Return to Address; Copy of despatches in reference to the arrest and indictment of Roger Amero, a French Acadian, belonging to Digby, N.S., discharged from custody on an indictment for murder, in Massachusetts, U.S. (*Not printed.*)
- 113... PUBLIC HEALTH OFFICERS:—Return to Order; Return showing the names and salaries of Public Health Officers appointed in the various cities of Canada; also, copy of instructions issued to and all reports made by such officers. (*Not printed.*)
- 114... LAKES HURON AND SUPERIOR HARBOURS:—Return to Address; Return of all correspondence between the Governments of the Dominion and Ontario, in reference to the disposal by the latter of lots, covered by water in the harbours of Lakes Huron and Superior, to private individuals. (*Not printed.*)



- No. 115. WELLINGTON BRIDGE, MONTREAL:—Return to Order; Copies of all correspondence relative to the necessity of further accommodation for foot passengers at Wellington Bridge, Lachine Canal. (*Not printed.*)
116. GRAND TRUNK RAILWAY COMPANY:—Return to Address; Copies of all correspondence between the Government of Canada, Sir John Rose, and Messrs. Baring & Glynn, the Financial Agents of the Dominion, in 1875, in relation to the conduct of Mr. Potter, the President of the Company, in decrying the credit of Canada, also the credit of the Province of Quebec, in relation to the effort of the latter to effect a loan in London, or the credit of that Province for the construction of railways therein; also, copies of all correspondence etc., written by Mr. Potter, as President of the Company, reflecting upon or discrediting the credit of Canada, or the Province of Quebec, which led to the writing of the letter or letters to Sir John Rose, before referred to (*Not printed.*)
- 116a Correspondence respecting an agreement for the sale of the western section of the Quebec lines of the North Shore Railway to the Canadian Pacific Railway Company. (*Sessional Papers only.*)
117. THE QUEEN vs. MERCER:—Return to Address; Copies of the short-hand writers' notes of the proceedings before the Judicial Committee of the Privy Council in the case of the Queen and Mercer, and of the judgment of the court in that case; also, copies of all correspondence and the costs incurred by the Government in connection therewith; also, statement of any proceedings taken by the Government in matters of escheat in any of the Provinces, and for copies of all correspondence, etc., connected with all applications to the Government as to escheated lands, since Confederation, not already brought down. (*Sessional Papers only.*)
- 117a Supplementary Return to the preceding. (*Not printed.*)
118. JUDICIAL SALARIES, RE-ADJUSTMENT OF:—Return to Order; Copies of any correspondence on the subject of the increase or re-adjustment of the judicial salaries, from the 1st January, 1882. (*Not printed.*)
119. ROBERTSON AND WALLACE, CLAIMS OF:—Return to Order; Copies of all correspondence, etc., connected with the disposal of the west half of Section 6, Township 2, Range 14, west of the principal meridian, Manitoba, and particularly of all papers connected with the claims of John Robertson and of one Wallace to the said lot. (*Not printed.*)
120. FORT MCLEOD TOWN SITE:—Return to Address; Copies of all Orders in Council, etc., respecting a town site at Fort McLeod. (*Not printed.*)
121. YAMASKA RIVER AND LAVALLIÈRE BAY:—Return to Order; Copies of the report of Mr. Guerin, Civil Engineer, respecting the explorations made by him on the Yamaska River, and in the neighbourhood of Lavallière Bay (*Not printed.*)
122. LAVAL UNIVERSITY:—Return to Address (Senate); Copies of all correspondence addressed to the Secretary of State for the Colonies, through the Secretary of State for Canada, concerning Laval University of Quebec, since March, 1880 to date. (*Not printed.*)
123. LIFE SAVING CREW AT PORT ROWAN:—Return to Order; Copies of correspondence in reference to a charge against the Captain of the Life Saving Crew at Port Rowan, Norfolk, Ontario, in not saving the lives of the crew of the barque "Fitzgerald," in November, 1883. (*Not printed.*)
124. WHARVES:—Return to Order; Copies of tenders for the extension of the wharf at St. Jean Port Joli, also, of the contract awarded, if such contract was awarded; a Statement of the amount expended, the work done, etc., last year, with the names of the persons, if any, in charge. (*Not printed.*)
- 124a Return to Order; Report and plans of the surveys made last summer, in St. Anne and St. André, Kamouraska. (*Not printed.*)
- 124b Return to Order; Copies of all correspondence in reference to the erection of a public wharf and bridge at Upper Woods Harbour, Shelburne, N.S. (*Not printed.*)
125. N.-W. MOUNTED POLICE:—Report of the Commissioners of, for 1883.

- No. 126. PRINCE EDWARD ISLAND:—Return to Address; Copies of all Orders in Council relating to any claim made by the Government of Prince Edward Island for compensation for money expended in constructing or repairing piers in that Province, and to the examination of, and report upon the piers of that Province. (*Not printed.*)
- 126i. Return (*in part*) to Order; Copies of all contracts or agreements entered into by the Postmaster General, since the last session of the late Parliament, for the conveyance of the mails to and from Prince Edward Island, and all correspondence relating to steam communication between the Island and the Mainland while the navigation remains open, and, also, to the winter crossing between Capes Traverse and Tormentine. Return of all trips made by the "Northern Light" during the winter of 1881-82, with her receipts for freights and passage moneys, and the expenses of her management and running; also, copies of all instructions issued to the agent of the Marine and Fisheries Department in Prince Edward Island, relating to the running of the "Northern Light" during the present season, and all correspondence on that subject. Copies of all correspondence, etc., relating to the survey or construction of the railway authorized to be built between Cape Traverse and the main line, on Prince Edward Island. (*Distribution only.*)
- 127... ALPHONSE AUDET, APPOINTMENT OF:—Return to Address; Copies of Orders in Council appointing Alphonse Audet to his present position in the Civil Service. (*Not printed.*)
- 128... LAKE ERIE HARBOURS:—Return to Order; Return of all reports of Government engineers, respecting the construction of a harbour of refuge at Port Stanley or Port Burwell, on Lake Erie, together with the estimated cost of each. (*Not printed.*)
- 128a. Return to Order; Return of all reports of engineers, respecting the construction of a harbour on Lake Erie, in Essex, whether at Leamington, Kingsville or elsewhere, together with the estimated cost of said harbour at each place. (*Not printed.*)
- 129... SKIFFINGTON vs. MICHAUD & DUMAIS:—Return to Address; Copies of all reports, etc., in relation to the action brought by one Skiffington against Thomas Michaud and Florian Dumais, of St. Pascal, in 1871, before the Justices of the Peace, together with copies of the complaints, etc.; also, charges made against the said Skiffington, or respecting him, as to the non-payment of the costs attending the actions by him instituted and dismissed with costs against him. (*Not printed.*)
- 130... DOMINION ARBITRATORS:—Return to Address; Statement giving the names of the Official Arbitrators and secretaries to Arbitrators, appointed to office, with date, salary and duration of office, since 1st July, 1867, up to the present time. In case of appointment having been made, or salaries increased, by Order in Council, copies of such Orders to be annexed to the Statement. (*Not printed.*)
- 131... RIVER ST. FRANCIS, EXPLORATIONS ON:—Return to Order:—Copies of the report of Mr. C. Michaud, Civil Engineer, as to the explorations made by him last autumn on the River St. Francis, with the object of establishing booms upon it. (*Not printed.*)
- 132... CARON, CLOVIS, FISHERY OVERSEER:—Return to Order; Copies of all complaints, etc., made against Clovis Caron, Fishery Overseer, for the Counties of Bellechasse, Montmagny, L'Islet and Kamouraska; also of all documents relating to his appointment to that position, and his duties as such. (*Not printed.*)
- 133... SHIP "BRITANNIA," LOSS OF:—Return to Address (Senate); Copies of all papers connected with the enquiry into the loss of the ship "Britannia," which struck on the North East Bar of Sable Island on the night of the 3rd September, 1883. (*Not printed.*)
- 134... NOVA SCOTIAN RIVERS:—Return to Address (Senate); Copies of all Reports made between 1st March, 1881, and 31st December, 1882, by F. H. D. Veith, Esq., upon the condition of the rivers in Nova Scotia, and in connection with the Fisheries in that Province.
- 135... GEOLOGY OF VICTORIA, INVERNESS AND RICHMOND COUNTIES:—Return to Order; Copies of the Geological Reports made by Mr. Hugh Fletcher, of the Counties of Victoria, Inverness and Richmond, with the maps accompanying the same. (*Not printed.*)

- No. 136. DRUMMOND AND MACLEAN, ROGER & Co. :—Copy of an indenture relative to certain contracts entered into by George P. Drummond, and transferred by the said Indenture to Messrs. Maclean, Roger & Co., with the assent of Her Majesty. (*Not printed.*)
- 137... PERSONS CONFINED AFTER SENTENCE IN 1882 :—Return to Address (Senate) ; Return showing, for the year 1882, the number of persons confined after sentence in the prisons, reformatories and gaols, under the control of the local authorities of the several Provinces, the offences of which they were convicted, and the length of the sentence. (*Not printed.*)
- 138... G. B. BURLAND & Co. :—Return to Order ; Copies of all correspondence in reference to any contract or contracts for lithographing entered into between G. B. Burland & Co., of Montreal, and the Dominion, showing what offers, if any, have been made by other parties for the performance of similar work, the names and addresses of such parties, and the scale of prices upon which such offers were based ; also the scale of prices agreed upon between the Government and the said G. B. Burland & Co., or any other person. (*Not printed.*)
- 139... HUGHES, D. J., JUDGE :—Return to Address ; Copies of all petitions, etc., preferring charges in regard to the official conduct of D. J. Hughes, County Judge of Elgin, and asking for an inquiry into the same. Also, a copy of the report or judgment on inquiry into the conduct of the said Judge. (*Not printed.*)
- 140... ST. CROIX COTTON FACTORY :—Return to Order ; Statement showing the value of machinery imported for the St. Croix Cotton Factory at St. Stephens, N.B., the date of import, the amount of duties chargeable on the same, the amount paid, also still due, and the security held therefor, and copies of all correspondence on the subject. (*Not printed.*)
- 140a... Supplementary Return to preceding. (*Not printed.*)
- 141... SHIPPING ON LAKES SUPERIOR AND HURON :—Return to Order ; Return showing what vessels navigating the waters of Lakes Superior and Huron were inspected during the past season of navigation, under the authority of the Government, with the names of the Inspectors ; also, a Statement of vessels lost or stranded on these lakes, within Canadian waters, showing the localities where disasters occurred and the number of lives lost in each case, during the season of 1883. (*Not printed.*)
- 142... GOVERNMENT STEAM TUGS AND DREDGES, ETC. :—Return to Order ; Return showing the number of steam tugs, steam dredges and dumping scows bought by the Government or built for the Government, during the year 1883, for use in the Dominion of Canada, showing where they were built, the builders' names, and the price paid for the same. (*Not printed.*)
- 143... METEOROLOGICAL SERVICE AT ST. JOHN, N.B. :—Return to Order ; Return of the amount of salary or allowance made to Mr. George Hutchinson as the person in charge of the Meteorological Service at St. John, N.B. ; also, amount of expenses of Mr. R. J. Stupart, going from Toronto to St. John, and other expenses preparing and fitting up office and instruments ; also, any instructions from the Department of Marine and Fisheries to the Superintendent at Toronto, in reference to the change of officers at St. John, and the removal of Mr. Gilbert Murdock ; also, copies of all correspondence between Mr. Gilbert Murdock and the Superintendent or Deputy Superintendent of the Meteorological Service at Toronto ; also, copies of any petition, memorial or other documents in regard to the above changes. (*Not printed.*)
- 144... WATSON, T. C. :—Return to Order ; Statement of all moneys paid to T. Charles Watson by the Government, showing also the services, if any, performed by said Watson since 1881. (*Not printed.*)
- 145... ONTARIO BOUNDARY AWARD :—Correspondence in connection with, between Ontario and Manitoba.
- 146... LIFE SAVING STATIONS :—Return to Order ; Return showing the location of the Life Saving Stations of Canada, with description of life-boats, buildings, wreck-guns and other life saving apparatus of each station ; also, name and salary of captain, number of men in each crew and their pay, the articles of enlistment, the months during which such enlistment or engagement is binding ; also, copy of instructions and regulations issued for the guidance of life saving crews, and reports received from captains of crews and others, as to number of imperiled mariners rescued, and amount of property saved during the year 1883. (*Distribution only.*)

- No. 147. MINING REGULATIONS :—(Senate) Copy of those governing the disposal of mineral lands, other than coal lands. (*Not printed.*)
- 148... RIVER THAMES, SURVEYS OF :—Return to Order; Copies of all reports, etc.. of the surveys of the River Thames, at the Village of London West, in Middlesex, Ontario. (*Not printed.*)
- 149... EMPLOYÉS IN PUBLIC WORKS DEPARTMENT :—Return to Order; Statement for the fiscal years 1873-4, 1874-5, 1877-8, 1878-9, 1880-1, 1881-2, and the current year, to date, as to persons employed in the Departments whose remuneration is charged to public works in connection with which they are employed, giving :—  
1. The name. 2. The date of first employment. 3. The remuneration. 4. The nature of the service. 5. The works to which the remuneration is charged, with the amount charged to each work; also, Statement giving the names of all persons in the Public Works Department, as extra or copying clerks, whose salaries are or have been charged to particular works, since 1881. (*Not printed.*)
- 150... RIDEAU HALL AND GROUNDS :—Return (*in part*) to an Order; Return in detail, showing the expenditure in each year since Confederation :—1. For the purchase and maintenance of Rideau Hall and grounds. 2. For furniture and all other moveables supplied. 3. For fuel and light. 4. Similar Return as in 1, 2 and 3 in connection with the Quebec Citadel. 5. For salaries of Governor General and his officials. 6 For the contingencies of the Governor General's office. 7. For travelling expenses of the Governor General and staff, besides those included in 6. 8. For labour and supplies of Dominion Steamers while conveying the Governor General, and for all expenses of every character connected with Rideau Hall. (*Not printed.*)
- 151... PARLIAMENTARY GROUNDS, OTTAWA :—Return to Order; Reports of Messrs. Scott and Fuller, Architects of Public Works Department, and correspondence, etc., respecting claims of late James Goodwin, for extras in connection with erection of wall in front of Parliamentary grounds. (*Not printed*)
- 152... DOMINION MONEY SPENT IN THE PROVINCES :—Return to Order: Statement setting forth the exact amount of money expended in each of the Provinces, separately, since their entry into Confederation, up to 30th June, 1883, on works of (1) a strictly general character; (2) a strictly local character.
- 153... SECTIONS 4 AND 10, ST. LAWRENCE CANALS :—Return to Address; Copies of all tenders for the enlargement of sections 4 (Rapide du Plat) and 10 (Cornwall) of the St. Lawrence Canals, received on 4th December, 1883, and 12th February, 1884, respectively, as well as of all correspondence, etc., on the same since the 28th September, 1883. (*Not printed.*)
- 154... GOVERNMENT HERD CATTLE IN N.W.T. :—Return to Address; 1. Return showing all Orders in Council, etc., respecting the sale of Government herd cattle in the North-West. 2. All applications made for the purchase of such cattle. 3. All notices of sale, etc., of such cattle. 4. A statement showing the price paid for such cattle, cost of maintaining the same since purchased, the price obtained therefor, to whom and when sold. 5. All correspondence respecting the sale of said cattle. (*Not printed.*)
- 155... PAJOT FARM :—Return to Order; Return of all correspondence, etc., respecting that portion of the Pajot Farm, in the town of Sandwich, which is claimed by the Wyandottes of Anderdon. (*Not printed.*)

REPORT  
OF THE  
SUPERINTENDENT OF INSURANCE

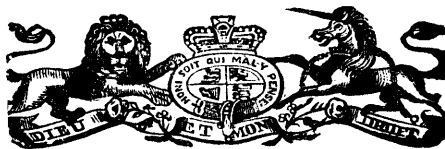
OF THE  
DOMINION OF CANADA

FOR  
THE YEAR ENDING 31st DECEMBER,  
1882.

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Printed by Order of Parliament.

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OTTAWA  
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET  
1883.



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 TABLE OF CONTENTS, 1882.
 

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REPORT of Superintendent of Insurance to Minister of Finance for 1882 dated 2nd August, 1883.....	v to xxvi
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---

 FIRE AND MARINE.
 

---

Abstract of Fire Companies for 1882.....	xxviii
Premiums received for <i>Fire</i> Insurance in Canada for Years 1869 to 1882. xxx & xxxiv	
Losses paid for <i>Fire</i> Insurance in Canada for Years 1869 to 1882.....	xxxli & xxxv
Summary of <i>Fire</i> Insurance in Canada for Years 1869 to 1882.....	xxxvi
Inland Marine Business in Canada for 1882.....	xxxvii
Abstract of <i>Fire</i> and <i>Marine</i> Insurance done by Canadian Companies, and of <i>Inland Marine</i> and <i>Ocean</i> Business done by Companies com- bining both these branches, for 1882 .....	xxxviii
Assets of <i>Canadian Companies</i> doing business of <i>Fire</i> or <i>Inland Marine</i> Insurance for 1882.....	xl
Assets in Canada of <i>British</i> and <i>American Companies</i> doing Business of <i>Fire</i> or <i>Inland Marine</i> Insurance for 1882.....	xlii
Liabilities of <i>Canadian Companies</i> doing Business of <i>Fire</i> or <i>Inland</i> <i>Marine</i> Insurance for 1882 .....	xliv
Liabilities in Canada of <i>British</i> and <i>American Companies</i> doing Business of <i>Fire</i> or <i>Inland Marine</i> Insurance for 1882 .....	xlv
Cash <i>Income</i> and <i>Expenditure</i> of <i>Canadian, British</i> and <i>American Com-</i> <i>panies</i> doing <i>Fire</i> or <i>Inland Marine</i> Business for 1882.....	xlvi
Percentages or <i>Ratios</i> of Losses to Premiums, Premiums to Risks, &c., &c., of all Companies doing <i>Fire</i> or <i>Marine</i> Insurance for 1882....	xlviii & xlix
Income and Expenditure of <i>Citizens' Insurance Company—Fire, Acci-</i> <i>dent</i> and <i>Guarantee Departments—for</i> 1882.....	1
Detailed Statements of <i>Fire</i> and <i>Inland Marine</i> Companies for 1882....	5 to 124

---

 LIFE.
 

---

Abstract of <i>Life</i> Insurance in Canada for Year 1882.....	lii
Increase or decrease of items of <i>Life</i> Insurance in Canada, among active Companies, for 1882, compared with 1881.....	liv
Payments to Policy-holders.....	lvi
<i>Life</i> Policies terminated during the Year 1882.....	lvii
Detailed Statements of <i>Life</i> Companies for 1882.....	129 to 267

## SUNDRIES.

Abstract of Accident Insurance in Canada for 1882.....	lviii
Dominion Safety Fund Life Association .....	lviii
List of Companies Licensed to do Business in Canada under the Insurance Acts of 1875 and 1877, as at 12th July, 1883, with names of Chief Agents and amounts of deposit with Receiver-General.....	lix to lxi
Detailed Statements of Accident, Guarantee, Plate-Glass and Steam Boiler Insurance Companies for 1882.....	273 to 291
Appendix—List of Stockholders of the various Companies.....	295 to 362
Statement of Assessment on Companies.....	363
Dominion Acts passed during the Session of 1883, having reference to Insurance.....	292
Detailed Index, see end of Book.	



OFFICE OF THE SUPERINTENDENT OF INSURANCE,  
OTTAWA, 2nd August, 1883.

To the Honorable

Sir LEONARD TILLEY, C.B., K.C.M.G.,  
Minister of Finance.

SIR,—I have the honor herewith to submit the statements in detail of Insurance Companies for the year 1882, together with such an abstract and analysis of them as appeared proper to exhibit the progress of the business and the condition of the Companies.

FIRE AND INLAND MARINE INSURANCE COMPANIES.

At the beginning of the year there were twenty-nine (29) companies in operation; one of these, the Canada Fire and Marine Insurance Company of Hamilton, retired in May, 1882, having transferred its business to the Citizens' Insurance Company of Montreal; and there was one new company admitted in February, 1882, being the Scottish Union and National Insurance Company of Edinburgh. Since the close of 1882 two other companies have at this date been licensed, viz.:—The National Assurance Company of Ireland, and the Caledonian Insurance Company of Glasgow, which latter takes the place of the Scottish Imperial now retiring.

Of these 29 active companies at the end of 1882, there were 8 Canadian, 17 British and 4 American. The business of Fire Insurance was done by 28 of these, while Inland Marine Insurance was transacted by 6 of them (4 Canadian and 2 American), Ocean Marine was also transacted by four of them, three Canadian, and one American, but this business is mainly in the hands of companies which do not report to this Department, no license being required for companies doing this class of business exclusively.

FIRE INSURANCE IN CANADA, 1882.

The business of the year on the whole cannot be considered unfavorable when compared with previous years, the loss-rate being less than the corresponding rates in eight out of the thirteen previous years of which we have record. The volume of business has again largely increased, and the rate of premium is somewhat higher than last year. The losses incurred have been at the rate of \$5.68 for every \$1,000 of risk current, and the rate of premium on the business transacted has been 1.0147 per cent. The rate of losses paid to premiums received has been 63.01, which lowers the average of the 14 years to 79.18. The growth of the business will be appreciated from the comparison of the amount at risk at the end of 1869, which was

\$188,359,809, with that at the end of 1882, which was \$526,856,478. Of this amount more than three-fifths is held in British companies, being \$339,520,054, while the comparatively small amount of \$34,772,345 is held by American, and the remainder \$152,564,079 by Canadian. This is, however, exclusive of the business done by Provincial companies (not licensed by the Dominion) in their own provinces, which includes a large proportion of the agricultural business.

#### FIRE PREMIUMS AND LOSSES IN CANADA IN 1882.

The premiums received for Fire Insurance in Canada have amounted to \$4,229,706, exceeding those received in the previous year by \$402,590; the losses incurred amounted to \$2,807,368, being less than those of 1881 by \$405,013, while the amount actually paid during 1882 for losses has amounted to \$2,664,986, being less than that paid in 1881 by \$504,838. The loss-rate is shown in the following table:—

#### FIRE INSURANCE IN CANADA, 1882.

	Paid for Losses.	Received for Premiums.	Rate of Losses paid per cent of Premiums received.	The same for 1881.
Canadian Companies.....	\$ 733,843	\$1,033,433	71·01	110·80
British do .....	1,768,444	2,908,458	60·80	70·94
American do .....	162,699	287,815	56·53	61·21
<b>Total.....</b>	<b>\$2,664,986</b>	<b>\$4,229,706</b>	<b>63·01</b>	<b>82·83</b>

The basis of the above comparison has been taken to be the losses actually paid during the year, which includes the payments for losses outstanding at the close of the previous year, and excludes those still outstanding. If we take for basis the losses "incurred" during the year (which, however, can only be an approximation), the respective ratios come out:—

	1882.	1881.	1880.	1879.	1878.
Canadian.....	72·84	112·04	54·50	67·81	52·11
British.....	65·27	72·14	37·28	67·83	47·24
American .....	54·33	60·94	46·73	79·39	59·13
<b>Total.....</b>	<b>66·37</b>	<b>83·94</b>	<b>43·82</b>	<b>68·63</b>	<b>49·67</b>

It may be mentioned here, that out of this total amount of losses incurred \$2,807,368, there only appeared to be outstanding at the close of the year \$18,346 for claims resisted by the companies.

The following table exhibits the results for the fourteen years over which our returns extend:—

## FIRE Insurance in Canada.

Year.	Premiums received.	Losses paid.	Rate of Losses per cent. of Premiums.
	\$	\$	
1869.....	1,785,539	1,027,720	57.56
1870.....	1,916,779	1,624,837	84.77
1871.....	2,321,716	1,549,199	66.73
1872.....	2,687,710	1,909,975	72.66
1873.....	2,968,416	1,682,184	56.67
1874.....	3,522,303	1,906,159	54.68
1875.....	3,591,764	2,563,531	71.37
1876.....	3,708,006	2,867,295	77.33
1877.....	3,764,005	8,490,919	225.53
1878.....	3,368,430	1,822,674	54.11
1879.....	3,227,488	2,145,198	66.47
1880.....	3,479,577	1,666,578	47.90
1881.....	3,827,116	3,169,824	82.83
1882.....	4,229,706	2,661,986	63.01
Totals.....	44,342,555	35,111,079	79.18

Taking the totals for the same fourteen years, according to the nationalities of the companies, the following are the results:—

## FIRE Insurance in Canada for the Fourteen years—1869-1882.

	Premiums received.	Losses paid.	Rate of Losses per cent. of Premiums.
	\$	\$	
Canadian Companies.....	15,684,804	11,959,535	76.25
British do.....	25,099,176	20,385,925	81.22
American do.....	3,558,575	2,765,619	77.72
Totals.....	44,342,555	35,111,079	79.18

## FIRE INSURANCE IN FORCE IN CANADA, 1882.

The total net amount insured by fire-policies in Canada at the end of 1882 was \$526,856,478; the amount at the end of 1881 was \$462,210,968, showing the large increase during 1882 of \$64,645,510. This increase has fallen almost entirely to the British Companies, their share of it being \$61,798,755, while the corresponding increase in 1881 was \$47,975,314; the increase for the American Companies was \$3,719,084, which differs little from the amount of increase in the previous year, \$3,639,148; but in the Canadian Companies the amount has again decreased, being \$672,329 less than in 1881, while in 1881 the decrease was \$965,765. The

decrease was due, as in 1881, to the retirement of one of the companies from business.

The distribution is as follows:—

	Net in force 1882.	Increase <i>i.</i> Decrease <i>d.</i>
	\$	\$
Canadian Companies .....	152,564,079	<i>d</i> 872,329
British do .....	339,520,064	<i>i</i> 61,798,755
American do .....	34,772,345	<i>i</i> 3,719,084
Total .....	526,856,478	<i>i</i> 64,645,510

The details of the increase and decrease for the individual Companies, are as follows:—

#### CANADIAN COMPANIES.

INCREASE.—Citizens, \$7,522,718 ; Royal Canadian, \$3,882,627 ; Sovereign, \$1,766,474; Western, \$2,975,424. Total, \$16,147,243.

DECREASE.—British America, \$3,483,506 ; London Mutual, \$461,795 ; Quebec, \$146,743.

To these must be added the risks of the retired Canada Fire, \$12,922,528, making a total decrease of \$17,019,572. On the whole there has been a decrease of \$872,329, but in the active Companies a net increase of \$12,050,199.

#### BRITISH COMPANIES.

The increase of \$61,798,755 among the British Companies was thus distributed:

INCREASE.—City of London, \$7,128,492 ; Commercial Union, \$3,202,603 ; Fire Insurance Association, \$4,578,826 ; Guardian, \$1,034,617 ; Imperial, \$1,520,849 ; Lancashire, \$734,604 ; Liverpool and London and Globe, \$1,423,482 ; London and Lancashire Fire, \$5,652,322 ; London Assurance, \$608,632 ; North British, \$2,795,413 ; Northern, \$2,968,572 ; Norwich Union, \$3,193,350 ; Phoenix of London, \$2,014,217 ; Queen, \$1,196,960 ; Royal, \$18,231,101 ; Scottish Imperial, \$1,825,165 ; Scottish Union, \$3,690,550. Total increase, \$61,798,755.

#### AMERICAN COMPANIES.

INCREASE.—Agricultural of Watertown, \$2,043,113 ; Hartford, \$1,055,160 ; Phenix of Brooklyn, \$775,586. Total, \$3,873,859.

DECREASE.—Aetna Fire, \$154,775.

Total increase, \$3,719,084.

PREMIUMS AND LOSSES COMPARED WITH RISKS.

The net amount at risk at the end of the year being \$526,856,478, and the premiums charged thereon being \$5,543,751, it follows that the average rate of premium on every \$1,000 at risk was \$10.52, which is nearly the lowest rate of all years from 1875; the rates having been as follows:—

1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.
Rate 10-60	10-66	10-72	10-75	10-51	10-57	10-61	10-52

On the other hand, if we consider the premiums charged on the whole amount of risks taken during the year (including for each Company the short-term risks as well as risks re-insured) as given in the annexed table, we find the rate of premium, which may fairly be considered as that at which business has been done during the year, to be \$10.147 per 1,000, which is larger than the corresponding rate in 1881, which was \$10.001. So that it would appear that while the rate at which business has been done during the year is greater than in the previous year, the rate on all the business existing at the end of the year is less, thus exactly reversing the state of things in the last report (1881, p. xii), and presenting circumstances equally hard to explain.

The losses incurred on the average amount current during the year (taking for this the mean of the amounts in force at the beginning and end of the year) have been at the rate of \$5.68 per \$1,000 current risk. The corresponding rates for 1880, 1881 were \$3.72 and \$7.35 respectively.

The losses are, however, distributed very unevenly among the different companies, as appears from the following, computed on the above basis; where, for convenience of comparison, the corresponding rates for 1881 are appended within brackets.

London Mutual, 1.46 (2.43); Agricultural of Watertown, 1.54 (2.23); Phoenix of Brooklyn, 1.87 (2.22); Liverpool and London and Globe, 4.12 (5.91); Royal, 4.39 (5.42); London Assurance, 4.55 (3.40); British America, 4.63 (6.39); Sovereign, 5.03 (6.32); Guardian, 5.04 (6.73); Scottish Imperial, 5.27 (3.19); Hartford, 5.40 (7.87); Imperia I, 5.43 (8.37); Lancashire, 5.62 (7.76); North British, 6.01 (8.71); Royal Canadian, 6.05 (9.08); Scottish Union and National, 6.16 (—); Norwich Union, 6.22 (3.87); Western, 6.26 (5.95); Phoenix of London, 6.54 (6.66); Canada Fire and Marine 6.98 (13.81); Quebec, 7.32 (54.24); London and Lancashire, 7.43 (5.59); Citizens, 7.55 (7.56); Queen, 7.86 (7.78); Northern, 7.94 (6.81); Commercial Union, 8.98 (8.60); Fire Insurance Association, 9.05 (3.91); Aetna, 10.45 (8.82); City of London, 24.49, (—),

The annexed table gives the gross amounts of risks taken by the several Companies during the year, and the premiums charged thereon, and also the distribution

of losses, with the proportionate rate of premiums to risks, and the proportion of the amounts paid for losses and received for premiums during the year. For convenience of comparison the rates of 1881 are appended. It must be noted that the premiums in the second column are those charged on the whole gross amount of risks taken by each Company during the year.

## FIRE Insurance done in Canada in 1882.

	Gross Amount of Risks taken during the Year.	Premiums charged thereon.	Rate of Premiums charged per cent. of Risks taken.	The same for 1881.	Net Cash paid during the Year for Losses.	Net Cash received during the Year for Premiums.	Rate of Losses Paid per cent. of Premiums received.	The same for 1881.
	\$ cts.	\$ cts.			\$ cts.	\$ cts.		
<i>Canadian Companies.</i>								
British America. ....	15,843,806	159,654 77	1.01	0.96	80,711 35	127,950 91	63.08	80.03
Canada Fire and Marine	3,019,779	39,699 17	1.31	1.41	73,838 11	32,984 46	223.86	78.84
Citizens' .....	19,848,819	191,079 53	0.96	0.85	119,581 21	194,014 90	61.64	88.29
London Mutual Fire ...	13,942,996	167,674 21	1.20	1.13	60,758 44	104,893 21	57.92	77.45
Quebec .....	5,013,252	53,815 36	1.07	0.99	42,337 83	49,866 99	84.90	796.24
Royal Canadian .....	20,388,533	193,801 11	0.95	0.91	103,328 28	164,621 84	62.77	92.14
Sovereign .....	12,285,907	145,588 18	1.19	1.16	78,811 12	102,553 84	76.85	86.69
Western .....	33,780,623	387,898 55	1.15	1.16	174,477 78	312,620 73	55.81	62.19
<i>British Companies.</i>								
City of London. ....	10,519,231	136,888 12	1.30	.....	66,220 07	127,099 79	52.10	.....
Commercial Union .....	27,629,814	304,359 03	1.10	1.14	238,109 70	307,966 77	77.32	73.27
Fire Insurance Association .....	13,196,510	134,768 47	1.02	0.81	75,567 92	110,989 43	68.08	10.72
Guardian .....	8,998,646	74,897 90	0.83	0.81	45,026 94	71,095 03	63.33	90.83
Imperial .....	19,872,327	193,404 61	0.97	0.93	100,755 16	179,519 86	56.12	76.44
Lancashire .....	21,668,199	228,197 93	1.05	1.02	121,875 76	208,539 45	58.44	71.38
Liverpool and London and Globe .....	20,957,629	173,252 87	0.83	0.82	107,074 20	161,961 70	66.11	90.22
London and Lancashire Fire .....	13,193,008	147,602 44	1.12	1.09	30,536 52	105,196 58	29.03	30.29
London Assurance .....	9,538,114	73,900 77	0.77	0.78	35,706 61	66,575 79	53.63	38.91
North British .....	34,391,964	322,351 87	0.94	0.95	179,488 10	273,515 71	65.62	93.52
Northern .....	14,767,173	143,979 38	0.97	0.88	89,216 59	132,258 80	67.46	68.40
Norwich Union .....	9,788,396	83,239 36	0.85	0.82	40,436 37	73,066 51	55.34	26.85
Phoenix of London .....	21,877,115	235,208 12	1.08	1.02	123,945 74	204,137 90	60.72	67.99
Queen .....	20,889,325	225,835 86	1.08	1.03	150,716 94	207,110 57	72.77	77.65
Royal .....	62,360,567	608,228 90	0.93	1.02	315,855 01	569,481 10	55.46	64.52
Scottish Imperial .....	7,732,490	81,828 44	1.06	0.91	39,593 30	72,313 77	54.75	41.90
Scottish Union .....	4,085,685	37,627 34	0.92	.....	8,317 58	37,627 34	22.11	.....
<i>American Companies.</i>								
Ætna Fire .....	12,757,609	124,120 90	0.97	0.96	82,163 68	105,571 16	77.83	55.79
Agricultural of Watertown .....	5,057,353	50,040 18	0.99	1.03	20,270 79	51,885 32	39.07	51.11
Hartford .....	10,575,775	103,355 12	0.98	0.94	56,553 70	103,355 12	54.72	81.29
Phenix of Brooklyn .....	4,063,781	28,482 39	0.70	0.53	3,710 48	27,003 53	13.74	28.89

## BRITISH FIRE COMPANIES.

The total cash receipts from premiums were \$2,908,456, being an increase of \$528,995 over the previous year; the payments for losses were \$1,768,443, being \$99,038 more than for 1881; while the general expenses amounted to \$658,502, being \$109,608 more than in 1881; thus leaving a balance of \$481,511 in favor of the Companies; last year this balance was only \$161,162.

Paid for losses.....	\$1,768,443
“ general expenses .....	658,502
	<hr/>
Total.....	\$2,426,945
Received for premiums.....	2,908,456
	<hr/>
Balance in favor.....	\$481,511

The following detail gives the balances for the different companies—

*Balances in favor.*—City of London, \$23,922.08; Commercial Union, \$9,184.42; Fire Insurance Association, \$6,350.24; Guardian, \$10,518.09; Imperial, \$42,306.07; Lancashire, \$41,190.72; Liverpool and London and Globe, \$18,208.28; London and Lancashire, \$47,748.59; London Assurance, \$16,156.35; North British, \$33,319.66; Northern, \$15,985.81; Norwich Union, \$14,411.98; Phoenix of London, \$33,322.27; Queen, \$11,507.21; Royal, \$120,948.89; Scottish Imperial, \$15,708.37; Scottish Union and National, \$20,722.71. Total, \$481,511.74.

Hence for every \$100 of premiums received there was spent on the average \$60.80 in payment of losses and \$22.64 for general expenses, leaving \$16.56 for the Companies. The rates of expenses to premiums received in the individual Companies, will be found on page xlix, ranging from \$19.70 per \$100 in the Commercial Union, to \$26.19 in the Fire Insurance Association among the old Companies; and being \$22.82 and \$29.08 in the Scottish Union and City of London respectively, which Companies now report for the first time. The average rate for all the British Companies is \$22.64, which is less than the rate in 1881 (\$23.07).

Hence these Companies have done a very much larger volume of business at a somewhat higher rate of premium (9.972 per 1,000 as against 9.704 in 1881) and a lower rate of expense, accompanied by a much lower rate of loss.

It may be useful to record here the results for the eight years from 1875 to 1882, as regards the receipts for premiums and the expenditure of the British Companies, thus,

Paid for losses (1875-82).....	\$14,636,161
“ general expenses.....	3,615,833
	<hr/>
Total payments.....	\$18,251,994
Received for premiums.....	16,438,773
	<hr/>
Excess of payments over receipts.....	\$1,813,221
	<hr/> <hr/>

Of course this unfavorable result is due to the exceptional circumstance of the conflagration at St. John, N.B., in 1877, where these companies paid nearly five millions for losses.

#### AMERICAN COMPANIES

The marine business of the Phenix of Brooklyn will be here included, rendering the result much less favorable than would otherwise have been the case. Also we include the small amount of inland marine insurance done by the *Ætna*.

The receipts from premiums were \$299,530; the payments for losses, \$176,218; and the general expenses, \$61,068—leaving a balance of \$62,244 for the Companies. Last year this balance was \$53,747; hence, for every \$100 of premiums received, there was spent, on the average, \$58.83 in payment of losses, [and \$20.39 in general expenses, leaving \$20.78 for the Companies.

The balance of \$62,244 in favor of the Companies is distributed as follows:—*Ætna* of Hartford, \$14,615.94; Agricultural of Watertown, \$14,758.67; Hartford, \$28,591.66; Phenix of Brooklyn, \$4,277.73.

The results of the total business of these Companies, from 1875 to 1882 inclusive are as follows:—

Paid for losses (1875-82).....	\$1,948,808
“ general expenses.....	404,826
	<hr/>
Total payments.....	2,353,634
Received for premiums.....	2,366,526
	<hr/>
Excess of receipts over payments.....	\$12,892
	<hr/> <hr/>

#### CANADIAN COMPANIES.

In considering the Canadian Companies, the business outside of the Dominion in Fire Insurance of these companies has to be taken into account, as well as their Marine business, since a separation of expenses between these branches is not made.



The following table gives the distribution of their Fire business between Canada and elsewhere, and shows that the foreign business has been much less favorable than the home business in the case of two of the Companies; while the Sovereign appears to have begun foreign business this year only, so that no fair comparison can be made:—

## FIRE INSURANCE, 1882.

Company.	In Canada.				In other Countries.			
	Amount of Risks taken during the year.	Premiums received.	Losses paid.	Rate of Losses paid per cent. of Premiums received.	Amount of Risks taken during the year.	Premiums received.	Losses paid.	Rate of Losses paid per cent. of Premiums received.
British America.....	\$ 15,843,806	\$ 127,951	\$ 80,711	63.08	\$ 62,596,346	\$ 611,004	\$ 488,243	79.91
Sovereign.....	12,285,907	102,554	78,811	76.85	10,349,167	16,142	2,643	16.37
Western.....	33,780,623	312,621	174,478	55.81	68,364,550	786,843	646,513	82.17

The assets of the eight Canadian companies doing Fire business, amounted at the end of the year to \$4,045,691, covering a total amount of insurance of all kinds of \$273,314,727, being at the rate of \$14.80 for every \$1,000 of insurance in force; they have also a reserve of subscribed capital not called up, amounting to \$3,648,226, making a total security of \$28.15 for every \$1,000 insured. The liabilities of the same companies amounted to \$2,299,586, made up as follows:—

Unsettled losses.....	\$398,216
Unearned premiums.....	1,699,290
Sundry.....	202,080

Total.....\$2,299,586

The unearned premiums are here taken to be the *pro rata* proportions of the gross premiums for the time unexpired in the cases of Fire and Inland Marine Insurance, and the whole premium in the case of a current Ocean risk. If this amount had been taken on the scale considered by some authorities to be sufficient for re-insurance, it would have given a much smaller liability. Even with the above rigid estimate, the surplus of assets over liabilities available for the protection of policy-holders, independent of the reserve of subscribed capital not called up, amounts to \$1,746,106.

The capital stock of these companies, paid up or in course of payment, amounts to \$2,131,502, and the result shows an impairment of this capital to the amount of \$385,397. The impairment at the end of 1881 was \$223,039; this, however, included that of the Dominion Company, which does not appear in this year's statement. The loss of the remaining companies during the year has been \$204,645.

The following table gives the condition at the end of 1882 of all the Canadian stock companies in reference to their surplus or impairment of paid-up capital.

**FIRE and Marine Insurance Companies, 31st December, 1882.**

	Subscribed Capital.	Capital Paid up or in course of collection.	Surplus over all Lia- bilities including Capital.	Impairment of Capital.	Reserve of Subscribed Capital.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
British America.....	500,000 00	500,000 00	113,656 87	.....	None.
Canada Fire.....	1,000,000 00	109,432 08	.....	135,980 76	890,567 92
*Citizens.....	1,188,000 00	256,190 48	.....	**172,349 07	931,809 52
Quebec.....	500,000 00	373,990 00	.....	**275,662 06	126,010 00
Royal Canadian.....	2,000,000 00	†300,000 00	24,403 62	.....	891,728 13
‡Sovereign.....	600,000 00	191,890 00	.....	100,497 03	408,110 00
Western.....	800,000 00	400,000 00	115,525 31	.....	400,000 00

**MARINE COMPANY.**

Anchor.....	478,100 00	143,430 00	.....	47,569 03	334,670 00
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A comparison of this with the corresponding table for the previous year enables us to gauge the progress of each company during the year, and shows the following results:—

Gain or improvement during 1882:

Anchor, \$12,184.89; London Mutual, \$20,947.45; Royal Canadian, \$2,248.53.

Loss or deterioration during 1882:

British America, \$45,344.81; Canada Fire, \$36,091.06; \*Citizens, \$10,398.80;

Quebec, \$3,829.42; Sovereign, \$4,481.92; Western, \$130,913.99.

Including the purely Marine Company and the whole business of the mixed Companies, as well outside as within the Dominion, it appears that the Canadian Com-

\*This is on the whole business, including life.

†As reduced by Act of Parliament.

‡Formerly the Isolated Risk

\*\*These impairments have since been wiped out by reduction of paid-up capital, by Acts of Parliament last Session.

panies have received during the year 1882 a total cash income of \$3,188,397.39 (exclusive of \$94,027.08 received on account of capital stock), which is made up as follows:—

	1882.	The same in 1881.	The same in 1880.
Premiums.....	\$3,007,132 65	\$3,131,925 97	\$3,208,038 89
Interest and dividends.....	153,878 46	169,392 14	179,533 29
Sundry.....	27,386 28	30,702 06	19,916 66
Total.....	\$3,188,397 39	\$3,332,020 17	\$3,407,488 84

In the same way, the cash expenditure during 1882 has been \$3,322,552.40, distributed into—

	1882.	The same in 1881.	The same in 1880.
Losses paid.....	\$2,294,212 90	\$2,898,045 45	\$2,236,943 54
General expenses .....	917,526 03	901,679 10	889,409 73
Dividends to stockholders.....	110,813 47	145,137 85	164,650 50
Total.....	\$3,322,552 40	\$3,944,862 40	\$3,291,003 77

Hence, it appears that for every \$100 of income there has been spent \$104.21, namely—for losses, \$71.96; for general expenses, \$28.77; and for dividends to stockholders, \$3.48. Hence also, for every \$100 of premiums received there has been paid out \$76.29 for losses, \$30.51 for expenses, and \$3.68 for dividends to stockholders.

#### INLAND NAVIGATION AND OCEAN MARINE INSURANCE.

Including the Canadian business of the Phenix of Brooklyn and the Ætna, and the whole business in these branches done by the four Canadian Companies, the following are the results of the year.

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*For Inland Navigation.*

Premiums received, \$302,447; losses incurred, \$140,157, of which were paid \$100,080, leaving a balance of \$40,077 of them still unsettled. There was also paid during the year \$76,391 on account of losses incurred in previous years, making the total payments during the year on account of losses \$176,471, while the total outstanding or unsettled losses at the end of the year were \$42,721.

*Ocean Marine.*

Premiums received, \$212,904; losses incurred, \$215,852, of which were paid \$182,477, leaving a balance of \$33,375 of them still unsettled. There was also paid during the year \$74,709 on account of losses incurred in previous years, making the total payments during the year on account of losses \$257,186, while the total outstanding or unsettled losses at the end of the year were \$41,614.

Hence the Inland Marine business shews for this year a favorable result, the losses incurred having amounted to only 46·34 per cent. of premiums received; the Ocean business on the contrary shews the losses incurred to have exceeded the premiums received by 1·38 per cent., and although this is an improvement on the previous year, where the excess was 6·86 per cent., it cannot be considered as other than disastrous.

As already stated, the bulk of the Ocean business is transacted by companies which are not required to be licensed and do not report to this Department, but I believe that the experience of these companies has not been at all more favorable than that of the companies from whose reports the preceding results have been gathered.

An abstract of the Inland Marine business will be found on page xxxvii, and details of this and the Ocean business for the individual companies on page xxxviii.

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**LIFE INSURANCE.**

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Another prosperous year for Life Insurance has to be recorded for 1882. The amount of insurance effected during the year has again largely increased (though the increase is not so great as in the previous year), and has only been exceeded since 1869 by the extraordinary years 1872-3. The business also exhibits an increased stability, the ordinary claims as well as the terminations by surrender or lapse, being relatively less than in previous years.

The business was transacted by 26 active companies, of which 9 were Canadian, 11 British and 6 American. Of these, the Federal (Canadian) is a new company, and has reported only six months' business; and the United States Life, which had

formerly withdrawn, having renewed its license resumed active operations. In addition to these there were 7 British and 5 American Companies not taking new insurances but still transacting business connected with their old policies. Another company, the Dominion Safety Fund Life Association of St. John, New Brunswick, having made a deposit of \$50,000 with the Receiver-General and in other respects complied with the Statute, received a license. This Company issues certificates of membership, and on the death of a member makes assessments according to a fixed scale on the remaining members, holding the proceeds to be paid to the member who next dies. I have not included its business in the statistics of Life Insurance, but a separate statement will be found under its own heading. Since the close of the year the Lion has been replaced by the British Empire Mutual, and the Federal has taken over the business of the Toronto Life; the New York Life, which had ceased doing new business, has renewed its license and recommenced operations.

*Insurances effected during the year.*

The total amount of policies taken during 1882 has been \$20,455,255, exceeding the amount taken in 1881 by \$2,837,244. The larger share of this increase has fallen to the American Companies, whose increase is \$1,500,548; that of the Canadian Companies being \$1,039,566, and of the British Companies \$297,130. The respective amounts effected are:—

Canadian Companies.....	\$12,198,045
British do .....	2,833,250
American do .....	5,423,960

so that the amount taken by the the native companies exceeds that taken by the British and American together by nearly four million dollars. The following are the details of the increase or decrease among the respective companies:—

**CANADIAN COMPANIES.** Total, \$12,198,045. Increase, \$1,039,566. Canada, *d*, \$161,245; Citizens, *i*, \$346,800; Confederation, *i*, \$432,846; Federal (new), \$404,350; Life Association of Canada, *i*, \$121,500; North American (General), *i*, \$159,779; North American (Industrial), *d*, \$235,280; Ontario Mutual, *i*, \$126,717; Sun, *d*, \$114,601; Toronto, *d*, \$41,300.

**BRITISH COMPANIES.** Total, \$2,833,250. Increase, \$297,130. Briton Life, *d*, \$20,000; Commercial Union, *d*, \$2,190; Lion, *d*, \$35,550; Liverpool and London and Globe, *i*, \$10,300; London and Lancashire, *i*, \$112,350; London Assurance, *d*, \$973; North British, *i*, \$9,400; Queen, *d*, \$4,500; Royal, *d*, \$1,427; Standard, *i*, \$286,447; Star, *d*, \$66,727.

**AMERICAN COMPANIES.** Total, \$5,423,960. Increase, \$1,500,548. Aetna, *i*, \$657,039; Equitable, *i*, \$554,800; Metropolitan, *d*, \$26,000; Travelers, *i*, \$120,509; Union Mutual, *i*, \$175,200; United States, *i*, \$19,000.

NOTE—*i*, increase; *d*, decrease.

The following table will enable the progress of the business to be traced during the fourteen years recorded.

AMOUNTS of Insurances effected during the respective years 1869-1882.

Year.	Canadian Companies.	British Companies.	American Companies.	Total.
	\$	\$	\$	\$
1869.....	1,156,855	2,627,392	9,069,885	12,854,132
1870.....	1,584,456	* ,657,493	8,952,747	12,194,696
1871.....	2,623,944	2,212,107	8,486,575	13,322,626
1872.....	5,276,859	1,896,655	13,896,587	21,070,101
1873.....	4,608,913	*1,704,338	14,740,367	21,053,618
1874.....	5,259,822	2,143,080	*11,705,319	19,108,221
1875.....	5,077,601	1,689,833	8,306,824	15,074,258
1876.....	5,465,966	1,683,357	6,740,804	13,890,127
1877.....	5,724,648	2,142,702	5,667,317	13,534,667
1878.....	5,508,556	2,789,201	3,871,998	12,169,755
1879.....	6,112,706	1,877,918	3,363,600	11,354,224
1880.....	7,547,876	2,302,011	4,057,000	13,906,887
1881.....	11,158,479	2,536,120	3,923,412	17,618,011
1882.....	12,198,045	2,833,250	5,423,960	20,455,255

*Life Insurance in Force in 1882.*

The total amount of insurance in force at the close of the Statements was \$115,042,048, which shows an increase of \$11,751,116 over that of the previous year, being distributed as follows:—

	Total in force.	Increase.
Canadian Companies.....	53,855,051	7,813,460
British do .....	22,329,368	1,346,276
American do .....	38,857,629	2,591,380
<b>Total.....</b>	<b>115,042,048</b>	<b>11,751,116</b>

Among the six active American Companies, the increase was \$3,341,039; while in the retired American Companies, which had at risk \$11,393,380 at the close of 1881, the decrease has been only \$749,659, of which \$196,187 was terminated by death or maturity, and \$553,472, or less than 5 per cent. of the existing insurance, was terminated by surrender lapse or removal. This latter fact speaks well for the character of the business transacted by these Companies.

It is to be regretted that the system of industrial insurance commenced last year does not seem to have attained the development which was expected, the number of policies taken having been only 697, for \$114,183, as against the 2703 policies for \$349,463 of the previous year, while the number in force has decreased from 1,301 to 1,267, although the amount in force is slightly larger.

*Amount of Insurance terminated in 1882.*

The amount of insurance terminated in natural course, namely, by death, maturity or expiry, was \$1,524,703, which is greater by \$26,528 than the corresponding amount in the previous year; and the amount terminated by surrender and lapse, \$6,737,737, being greater than that in the previous year by \$611,889; relatively, however to the amount at risk, both these terminations are smaller than in 1881, giving for every \$1,000 of current risk \$13.43 terminated in natural course, and \$59.35 by surrender and lapse. In the previous year, these rates were \$14.97 and \$61.21 respectively. The following table exhibits the rates for the last four years, where the continued decrease of the surrenders and lapses is particularly noticeable:—

TERMINATED out of each \$1,000 current risk.

	Naturally.				Surrender and Lapse.			
	1879.	1880.	1881.	1882.	1879.	1880.	1881.	1882.
Canadian Companies .....	\$8 18	\$9 41	\$12 41	\$9 09	\$109 86	\$95 46	\$73 60	\$67 18
British do .....	17 09	14 70	16 77	20 84	115 03	82 25	50 99	42 85
American do .....	10 74	15 94	17 03	14 97	106 51	103 51	52 14	58 38

The total termination amounts to about forty per cent. of the amount of new policies. The actual amounts of termination were distributed as follows:—

	Naturally.	By Surrender and Lapse.
Canadian Companies .....	\$474,210	\$3,502,591
British do .....	466,885	959,755
American do .....	583,608	2,275,391
<b>Total.....</b>	<b>\$1,524,703</b>	<b>\$6,737,737</b>

The details of the individual Companies will be found on page .

*Policies in force.*

The following table gives the number of Policies in force at the date of the Statements:—

	Number.	Amount.	Average amount of a Policy.
Canadian Companies.	34,121	\$ 53,855,051	\$ 1,578
British do .	10,884	22,329,368	2,052
American do .	24,045	38,857,629	1,616
<b>Totals.....</b>	<b>69,050</b>	<b>115,042,048</b>	<b>1,666</b>

The average amount of a policy in force \$1,666, differs but slightly from that of the previous year, but the average amount of the new policies has sensibly increased, having been for Canadian Companies, \$1,617; for British Companies, \$2,259, and for American, \$2,035; the corresponding amounts last year having been \$1,251, \$2,166, and \$1,785.

The number of policies indicates probably about sixty-four thousand lives insured; the returns of some of the Companies as regards the number of lives are incomplete, nor, even if complete, could the effect of the same life being insured by several policies in different Companies be eliminated. I can only, therefore, give as an approximation, that out of 43,622 lives exposed to risk, the deaths were 358, giving on the average an annual death rate of 8·21 per thousand, which is somewhat higher than it was in 1881, but is still a low rate.

The following table gives the amount of income from premiums received by all Companies from 1869 to 1882 inclusive:—

PREMIUM—INCOME during the respective Years—1869-1882.

Year.	Canadian Companies.	British Companies.	American Companies.	Total.
	\$	\$	\$	\$
1869 .....	164,910	515,741	557,708	1,238,359
1870 .....	203,922	531,250	729,175	1,464,347
1871 .....	291,897	570,419	990,628	1,852,974
1872 .....	417,628	596,982	1,250,912	2,265,522
1873 .....	511,235	594,108	1,492,315	2,597,658
1874 .....	638,854	629,808	1,575,748	2,844,410
1875 .....	707,256	623,296	1,551,835	2,882,387
1876 .....	768,543	597,155	1,437,612	2,803,310
1877 .....	770,319	577,364	1,299,724	2,647,407
1878 .....	827,098	586,044	1,197,535	2,610,677
1879 .....	919,345	565,875	1,121,537	2,606,757
1880 .....	1,039,341	579,729	1,102,058	2,721,128
1881 .....	1,291,028	613,595	1,190,068	3,094,689
1882 .....	1,562,085	674,362	1,308,158	3,544,605
<b>Total.....</b>	<b>10,113,459</b>	<b>8,255,758</b>	<b>16,805,013</b>	<b>35,174,230</b>

The total amount paid to policy-holders during 1882 is as follows:—

Death claims (including bonus additions).....	\$1,081,119
Matured endowments do .....	198,903
Annuitants.....	5,142
Paid for surrendered policies .....	250,091
Dividends to policy-holders.....	411,189

**Total.....** **\$1,946,444**

The distribution of the payments among the different companies will be found on page lvi.



Hence for every \$100 premiums received, there has been paid to policy-holders \$54.91, leaving \$45.09 to be carried to reserve, expense and profits.

Taking the mean of the amounts in force at the ends of 1881 and 1882 to represent the amount of risks current for the year, and comparing it with the premiums received and the claims paid (excluding the annuity business), we find the following results:—

The average rate of premiums received for every \$100 of current risks is:—In Canadian Companies, \$3.12; in British, \$3.11; in American, \$3.48; and for all Companies, the average is \$3.24.

The average rate of claims paid for every \$100 of current risks is—In Canadian Companies, \$0.86; in British, \$1.73; in American, \$1.26; and for all Companies, the average is \$1.17.

#### Canadian Companies.

The condition of the Canadian Companies will be found exhibited very fully in the statements under their respective headings. In computing their re-insurance reserves they all employ the Institute H.M. Table of Mortality at 4½ p.c. interest, with the exceptions of the Life Association, which partly employs the Carlisle Table at 5 p.c. interest, and the Ontario Mutual, which employs the old Actuaries' Table (terminal values) at 4 p.c. The following is an abstract of their assets and liabilities, and income and expenditure.

### CANADIAN COMPANIES.

#### ASSETS AND LIABILITIES.

Companies.	Assets.	Liabilities including Reserve but not Capital Stock.	Surplus of Assets over Liabilities, excluding Capital.	Capital Stock Paid up.	Surplus of Assets over Liabilities and Capital Stock.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canada Life.....	5,118,572 53	4,523,945 73	594,626 80	125,000 00	469,626 80
Citizens' (Life Department).	164,451 59	147,156 76	17,294 83	*	*
Confederation .....	965,332 87	817,403 05	147,929 82	80,000 00	67,929 82
Federal.....	68,693 86	6,884 99	61,808 87	68,635 00	.....
†Life Association of Canada	193,869 86	158,940 60	34,929 26	150,066 66	.....
North American.....	151,134 61	85,304 85	65,829 76	157,400 00	8,429 76
Ontario Mutual.....	423,598 06	391,482 31	32,115 75	None.	32,115 75
Sun.....	636,077 94	**534,476 67	101,601 27	62,500 00	39,101 27
Toronto.....	65,471 86	28,084 52	37,387 34	29,862 35	7,524 99

§The reserves on the H.M. 4½ p.c. basis, were calculated by this office for the Citizens', Toronto, Confederation, and Ontario.

\*The capital in this Company is also liable for its other departments, so that these columns cannot be filled up. See its Fire Statement.

†Formerly Mutual Life.

‡Guarantee Fund.

\*\*Including liability, Accident Department, \$5,749 31.

## INCOME.

Companies.	Net Premium Income.	Consideration for Annuities.	Interest and Dividends on Stocks, &c.	Sundry.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canada Life .....	733,010 22	None.	265,148 96	6,268 89	1,004,428 07
Citizens' (Life Department).	40,227 08	None.	4,997 78	None	45,224 86
Confederation .....	277,514 63	None.	52,673 56	1,384 39	331,572 58
†Federal .....	7,069 81	None.	301 85	None.	7,371 66
*Life Association of Canada.	44,853 79	None.	8,269 39	None.	53,123 18
North American .....	77,067 13	None.	3,947 03	None.	81,014 16
Ontario Mutual .....	161,982 27	None.	14,355 27	None.	176,337 54
Sun .....	†212,813 49	2,294 25	24,101 02	2,615 43	241,824 19
Toronto .....	5,251 93	None.	3,004 96	150 00	8,406 89

\*Formerly Mutual Life.

†This does not include the premiums of its Accident business amounting to \$11,083.92.

‡Six months' business only.

## EXPENDITURE.

Companies.	Paid to Policy Holders.	General Expenses.	Dividends to Stockholders.	Total Expenditure.	Surplus of Income over Expenditure.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Canada Life .....	378,710 15	140,647 50	18,750 00	538,107 65	466,320 42
Citizens' (Life Department).	23,241 80	14,314 50	None.	37,586 30	7,638 56
Confederation .....	133,557 31	69,989 76	38,572 13	242,119 20	89,453 38
Federal .....	None.	16,278 40	None.	16,278 40	.....
*Life Association of Canada.	19,750 25	23,594 20	1,429 41	44,773 86	8,349 32
North American .....	2,819 00	31,641 93	None.	34,460 93	46,553 23
Ontario Mutual .....	50,200 33	50,205 59	None.	100,405 92	75,931 62
Sun .....	†110,277 29	†47,012 26	5,625 00	162,914 55	78,909 64
Toronto .....	1,100 00	2,683 41	2,082 53	5,865 94	2,540 95

\*Formerly the Mutual Life.

†These do not include the payments on account of its accident claims and expenses, amounting to \$2,381.06 and \$5,641.15 respectively.

From these tables it appears that the Canadian Companies have received an income of \$1,949,303.13, drawn from the following sources :—

	1882.
	\$ cts.
Premiums and annuity sales.....	1,562,084 60
Interest and dividends.....	376,799 82
Sundry .....	10,418 71
Total .....	\$1,949,303 13

And they have expended \$1,182,512.75 under the following items:—

	1882.
	\$ cts.
Paid to policy-holders and annuitants.....	719,656 13
General expenses.....	396,397 55
Dividends to stockholders.....	66,459 07
<b>Total.....</b>	<b>\$1,182,512 75</b>

Hence, out of every \$100 of income, there have been expended in payment to policy-holders \$36.92, in general expenses, \$20.34, and in dividends to stockholders, \$3.41; leaving \$39.33 to be carried to reserve.

Some question has arisen as to the proper way of entering as items of income and expenditure, the dividends allotted to policy-holders when, instead of being made immediate cash payments, they take the shape of reversionary additions to the policies, or of reductions of annual premium, which may be either permanent or temporary, the latter generally extending over the five years which is the usual interval employed by companies between divisions of profits or surplus. There are doubtless difficulties attending any mode of treating these items, but as uniformity is desirable (for without this no fair comparisons can be instituted) I would recommend that in the case of reversionary additions, which are clearly new insurances, the equivalent dividends should enter expenditure as cash payments, and should enter income as single premiums paid by dividend for the purchase of reversionary additions, the reserve for the reversions appearing of course among liabilities.\* So also in the case where the dividends are applied to a permanent reduction of the future annual premiums, these dividends should enter expenditure as cash paid for annuities to be applied to this purpose, and should also enter income as cash received for such annuities, the liability for these annuities being included in the reserve. With

\*This is, of course, a different thing from the practice mentioned in the following extract from the report of the Hon J. A. McCall, (now Superintendent of Insurance for the State of New York) on the Mutual Life Insurance Company of New York, dated June 1, 1881.

"It is proper under this heading (Income and Expenditure) to refer to the method adopted by the company in January of each year in adding to the premium receipts the total amount of the dividend declared, for the reason that an entry is made at once on the Actuary's registers of a certain amount of paid-up insurance, for which the sum of the dividend is treated as a single-premium payment to purchase the insurance. If the transaction was closed by these two entries, possibly no criticism thereon would be proper, but it is well known that the insured has the option of applying the cash value of his dividends to a reduction of the premium when he so elects. Under the system in vogue in the "Mutual," and also in nearly all the other life insurance companies that have been examined by the department, it necessitates an entry in the premium account of a premium paid by dividend, and a charge under disbursements of an equal sum as being paid for a surrendered policy or addition, thereby causing the cancellation of the amount of paid-up insurance which had been theretofore entered. In consequence of this questionable method of treating the accounts, the sum of \$2,489,425.99 was entered twice in premium receipts, and an equal number of times in the disbursements—first as a dividend to the policy-holder, and again as a purchase of surrendered policies.

"It is possible that the contrary opinion held by the worthy Actuary of the company on this subject may be the correct one. He contends that the passage of the resolution declaring the dividend, makes it compulsory on the company to proceed at once to enter the amount thereof on the registers; and the subsequent adjustments or changes must follow as a matter of course, and cannot be ignored. This statement is made in justice to the gentlemen who command the respect and esteem of the insurance profession."

regard, however, to the five-year (or other short period) temporary reductions of premiums, I should prefer that they should be treated as deferred payments, and therefore, only enter expenditure when actually applied to the reduction of the premium paid; it would in fact, in my opinion, be preferable to make such payments certain instead of contingent.

As the practice of the companies in regard to the foregoing points does not appear to be uniform, and no definite system of account is laid down, either by the British Board of Trade or the United States Commissioners, I have thought it sufficient that the statements given in this Report should distinctly exhibit the facts so far as the native companies are concerned.

It has already been stated that a license was issued to a company, entitled the Dominion Safety Fund Life Association of Canada, and having its principal office in St. John, N.B., which transacts life insurance on the co-operative or assessment principle, supplemented by the formation of a reserve fund contributed by its members. The Company has a subscribed stock capital of \$120,000, of which \$47,400 has been paid up, and this, together with the well-known character of its shareholders and directors, is a sufficient guarantee that the business will be conducted with honesty and prudence. It has been much debated whether a company conducted on this assessment plan can be permanently maintained; there is little doubt that in this case the trial will be fairly made. There is still less doubt that with some of these Companies, which have invaded Canada from across the border, after having been debarred from operating within their own territories, neither honesty nor prudence has distinguished their management. Such companies have acted in open defiance of our law, which has been practically inoperative to restrain them, and some further legislation is urgently called for, by which their operations may be controlled. The necessity of this legislation has been recognized in the United States, where most of the legislatures have passed statutes, explicitly bringing these Companies under the supervision of the Insurance departments.

#### ACCIDENT AND GUARANTEE INSURANCE IN CANADA, 1882.

The business of Accident Insurance was transacted by five companies, viz :—3 Canadian (two of which combined it with Life Insurance), 1 American (also combined with Life), and 1 British, which combined it with Guarantee business.

The total accident premiums received in Canada were \$102,758, insuring an amount of \$18,620,187, and the sum of \$37,801 was paid for claims, with \$7,885 claims unsettled.

An abstract will be found on p. lviii. Since the close of the year another company, the Norwich and London Accident Insurance Association, has been licensed.

The Guarantee business was conducted by two companies, one Canadian and the other British, but some claims were also paid this year by the Citizens' Insurance Com-

pany, which had transferred its business in this branch to the Guarantee Company of North America. The premiums received were \$58,105, guaranteeing an amount of \$7,017,770, and the net amount paid for claims was \$16,249.

The Accident Insurance Company of North America, and the Guarantee Company of North America (both Companies native) transact business outside of the Dominion, which is not included in the above.

At the present time there are seventy-two (72) companies under the supervision of this office, the nature of the business transacted by them being as follows:—

Number of Companies doing Life Insurance.....	41
“ “ Fire “ .....	31
“ “ Inland Marine Insurance.....	6
“ “ Ocean Marine “ .....	4
“ “ Accident “ .....	6
“ “ Guarantee “ .....	2
“ “ Steam Boiler “ .....	1

The Metropolitan Plate Glass Insurance Company withdrew from the Dominion in consequence of the attempt of the Quebec Legislature to impose a business tax on insurance companies.

The deposits for the protection of policy-holders, held by the Honorable the Receiver-General in trust for these companies, at 12th July, ult., amounted to \$7,657,765.33, in securities as follows:—

Canada stock.....	\$1,271,536 20
Canada debentures.....	299,300 00
Canada Provincial debentures.....	406,629 96
United States bonds.....	1,857,000 00
British annuities.....	621,276 96
British Colonial securities.....	453,769 62
Cash in sundry banks.....	373,097 19
Montreal Harbor bonds.....	348,500 00
Municipal securities.....	1,678,109 18
Bonds and stocks of banks and incorporated companies.....	113,206 22
Canadian Pacific and Canada Central Railway bonds.....	235,340 00
<b>Total.....</b>	<b>\$7,657,765 33</b>

The total amount of premiums received for all forms of insurance was \$8,314,923, of which \$3,080,218 was received by Canadian companies, and \$5,234,705 by British and American. The following summary shows the distribution of these premiums to the various classes :—

PREMIUMS 1882.

Fire.....	\$4,229,706
Inland Marine.....	166,844
Ocean .....	212,904
Life .....	3,544,605
Accident.....	102,758
Guarantee.....	58,106
<b>Total.....</b>	<b>\$8,314,923</b>

or dividing them according the nationalities of the companies,

PREMIUMS 1882.

	Canadian Companies.	British Companies.	American Companies.
	\$	\$	\$
Fire.....	1,033,433	2,908,458	287,815
Inland Marine.....	156,902	None	9,942
Ocean.....	211,131	None	1,773
Life.....	1,562,085	674,362	1,308,159
Accident.....	70,904	6,304	25,550
Guarantee.....	45,763	12,343	None.
<b>Total.....</b>	<b>3,080,218</b>	<b>3,601,467</b>	<b>1,633,238</b>

I have the honor to remain, Sir,

Your most obedient servant,

J. B. CHERRIMAN, M.A., F.I.A., F.R.S.C.,

Superintendent of Insurance

## ABSTRACT

OF STATEMENTS MADE BY COMPANIES LICENSED TO DO BUSINESS  
OF FIRE OR INLAND MARINE INSURANCE IN CANADA,  
FOR THE YEAR 1882, IN ACCORDANCE  
WITH THE INSURANCE ACTS  
OF 1875 AND 1877.

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## GENERAL TABLES.

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ASSETS OF ALL COMPANIES, FIRE AND MARINE.  
LIABILITIES OF ALL COMPANIES, FIRE AND MARINE.  
INCOME AND EXPENDITURE OF ALL COMPANIES, FIRE AND MARINE.  
PERCENTAGE LOSSES TO PREMIUMS, &c., &c.

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**ABSTRACT FOR THE YEAR 1882.**  
**FIRE INSURANCE IN CANADA—CANADIAN COMPANIES.**

	Net Cash received for Premiums.	Gross Amount of Policies, New and Renewed.	Net Amount at Risk at Date.	Net Amount of Losses incurred during the Year.	Net Amount Paid for Losses.	Unsettled Claims.	
						Not Registered.	Resisted.
British America .....	\$ 127,951	\$ 15,843,806	\$ 15,876,014	\$ 81,638	\$ 80,711	\$ 12,107	\$ None.
Canada Fire .....	32,984	3,019,779	None.	45,097	73,338	None	8,700
Citizens .....	*137,941	†19,848,819	20,544,161	126,716	119,681	13,077	1,600
London Mutual Fire .....	104,893	13,942,996	38,019,954	55,845	66,758	7,473	None.
Quebec .....	49,867	5,013,252	6,436,690	47,632	42,338	5,294	None.
Royal Canadian .....	164,622	20,388,533	20,225,715	110,629	103,328	8,295	None.
Sovereign .....	102,554	12,285,907	18,968,711	90,981	78,811	18,481	5,546
8. Western .....	312,621	33,780,623	32,496,834	191,185	174,478	26,879	None.
Total for 1882 .....	1,033,433	124,123,715	152,564,079	752,723	733,813	91,276	15,446
Total for 1881 .....	1,206,470	140,331,153	153,436,408	1,351,783	1,336,758	91,107	8,650

\* Not including \$56,074 received for insurance of risks of Canada Fire and Marine Insurance Company.  
† Not including \$10,995,797 reinsured from Canada Fire and Marine Insurance Company.

**BRITISH COMPANIES.**

City of London .....	127,100	10,519,231	7,128,492	87,273	66,220	21,053	None.
Commercial Union .....	307,967	27,629,814	31,656,368	269,787	238,110	31,335	8,200
Fire Insurance Association .....	110,989	13,196,510	11,090,799	79,647	75,568	9,365	None.
Guardian .....	179,520	19,872,327	9,452,518	45,027	45,027	None.	None.
Imperial .....	208,659	21,668,199	18,848,052	98,188	100,755	5,300	3,000
Lancashire .....	161,962	20,957,629	22,320,434	123,456	121,876	7,948	8,100
Liverpool and London and Globe .....	105,197	13,193,008	26,511,023	106,204	107,074	1,300	None.
London and Lancashire .....	66,676	9,538,114	8,200,171	39,943	30,537	9,406	None.
London Assurance .....	273,516	34,391,964	8,156,137	35,707	35,707	None.	None.
North British .....	132,269	14,767,173	34,364,165	198,281	179,488	21,946	None.
Northern .....			13,640,882	95,717	89,217	6,500	None.



Norwich Union .....	73,067	9,788,396	8,523,638	43,086	40,436	2,650	None.
Phoenix of London .....	204,138	21,877,115	20,916,440	130,196	123,946	7,888	None.
Queen .....	207,111	20,889,325	20,523,020	166,570	150,717	5,450	2,000
Royal .....	569,481	62,360,557	85,870,326	336,611	315,855	22,481	1,000
Scottish Imperial .....	72,314	7,732,490	8,727,189	41,218	39,593	1,625	None.
17. Scottish Union and National .....	37,627	4,085,685	3,680,550	1,371	8,318	3,053	None.
Total for 1882 .....	2,908,458	321,466,183	339,520,054	1,898,282	1,768,444	163,250	22,300
Total for 1881 .....	2,353,268	271,044,719	277,721,299	1,697,639	1,669,405	58,677	16,013

AMERICAN COMPANIES.

Attns.....	105,571	12,757,609	7,295,850	77,026	82,164	7,470	None.
Agricultural of Watertown .....	51,845	5,057,353	14,208,104	20,344	20,271	900	None.
Hartford .....	103,355	10,515,775	10,688,292	54,883	56,554	2,064	None.
4. Phenix of Brooklyn.....	27,004	4,063,781	2,680,099	4,110	3,710	400	None.
Total for 1882 .....	287,815	32,454,518	34,772,345	156,363	162,689	10,834	None.
Total for 1881 .....	267,388	30,040,366	31,053,261	162,969	163,661	16,040	None.

RECAPITULATION.

8. Canadian Companies.....	1,033,433	124,123,715	152,564,079	752,723	733,843	91,276	15,446
17. British Companies.....	2,908,458	321,466,183	339,520,054	1,898,282	1,768,444	163,250	22,300
4. American Companies.....	287,815	32,454,518	34,772,345	156,363	162,689	10,834	None.
Grand total for 1882 .....	4,229,706	478,044,416	526,856,478	2,807,368	2,664,986	265,360	37,746
Grand total for 1881 .....	3,827,116	441,416,238	462,210,968	3,212,381	3,169,824	165,824	24,663

SUMMARY of Premiums received for Fire Insurance in Canada, by all Companies, for the Years 1869-80.

		Premiums Received.											Total.	
		1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<i>Canadian Companies.</i>														
British America .....	113,833	114,377	135,852	174,047	191,035	194,077	184,789	146,532	174,892	174,006	166,401	186,895	1,956,746	
Canada Agricultural .....	.....	.....	.....	.....	.....	109,892	131,639	115,897	97,468	.....	.....	.....	654,896	
Canada Fire .....	.....	.....	.....	.....	.....	.....	.....	94,788	133,625	118,065	141,378	167,609	855,455	
Citizens' .....	.....	.....	.....	.....	.....	.....	.....	244,363	136,653	9,971	89,718	87,011	779,639	
Dominion .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155,871	
*London Mutual Fire .....	60,702	71,135	78,072	62,807	73,614	74,377	60,333	80,448	96,136	88,441	92,987	106,602	945,654	
National Fire .....	.....	.....	.....	.....	.....	.....	.....	86,098	93,812	60,070	44,016	.....	284,926	
Ottawa Agricultural .....	.....	.....	.....	.....	.....	.....	.....	64,882	86,174	35,868	.....	.....	194,861	
Provincial .....	99,913	97,633	171,514	161,158	190,867	244,331	217,213	179,236	72,495	.....	.....	.....	1,434,350	
Quebec .....	72,234	72,725	73,602	77,508	75,169	79,453	86,724	82,203	80,042	66,012	60,600	62,659	888,531	
Royal Canadian .....	.....	.....	.....	.....	.....	.....	.....	260,778	196,014	146,773	116,754	128,298	1,553,902	
*Sovereign .....	.....	.....	.....	.....	.....	.....	.....	80,091	92,656	95,117	82,819	63,695	410,931	
Stadacona .....	.....	.....	.....	.....	.....	.....	.....	189,009	201,429	84,132	.....	.....	130,188	
Western .....	164,680	180,730	227,698	262,206	256,698	254,049	252,355	232,431	276,395	270,716	268,936	272,768	2,900,551	
.....	501,362	536,600	707,418	796,847	842,896	1,453,781	1,646,654	1,881,641	1,622,955	1,161,896	1,102,822	1,190,029	13,414,901	
<i>British Companies.</i>														
Commercial Union .....	81,890	86,371	80,162	67,329	29,782	84,066	127,253	133,695	174,249	195,597	190,264	231,607	1,472,258	
Guardian .....	3,166	8,780	17,362	32,947	64,367	61,225	60,905	42,717	64,433	51,813	50,283	62,745	480,753	
Imperial .....	64,522	82,004	85,915	102,760	134,710	134,794	12,945	121,518	163,012	166,988	149,419	156,461	1,439,498	
Lancashire .....	40,487	34,615	33,561	43,967	66,733	43,097	71,455	101,116	142,109	161,818	161,064	184,145	1,084,177	
Liverpool and London and Globe .....	286,398	273,303	263,696	260,262	258,632	219,948	138,480	106,771	129,083	148,024	157,617	155,880	2,398,094	
London and Lancashire .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,418	
London Assurance .....	55,931	56,496	63,350	67,368	79,368	60,086	47,450	45,993	74,425	61,272	51,095	62,454	715,185	
North British .....	141,822	163,500	203,724	235,290	309,234	322,616	292,563	265,910	288,943	282,175	2,250,000	257,871	3,027,566	
Northern .....	18,115	25,252	60,632	69,905	72,359	76,337	60,830	59,731	68,799	76,040	(8,629)	75,175	7,191,919	
Norwich Union .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,007	
Phoenix of London .....	86,081	82,643	60,133	108,215	158,403	188,573	162,030	151,223	137,841	171,410	15,808	162,339	1,639,722	
Queen .....	94,048	106,616	122,609	150,550	179,562	163,329	100,591	155,213	198,087	193,664	1,204,132	195,069	1,809,423	

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Royal.....	241,689	262,508	315,948	371,045	405,501	361,514	323,450	360,915	359,068	343,317	417,150	4,000,389
Scottish Commercial.....	4,878	22,367	55,192	59,050	60,011	37,446	45,774	76,932	82,240	80,516	19,513	343,421
Scottish Imperial.....	1,119,011	1,165,398	1,499,620	1,773,265	1,809,473	1,663,715	1,597,410	1,927,220	1,994,940	1,899,164	2,048,408	585,710
<i>American Companies.</i>												
Attns.....	107,635	114,121	153,751	177,943	183,929	152,835	130,658	118,640	118,901	110,533	103,175	1,640,268
Agricultural of Watertown.....	.....	5,431	68,361	73,613	64,641	.....	.....	.....	.....	127,279	47,290	236,615
Andes.....	.....	31,431	60,909	103,635	90,902	96,054	78,207	83,332	86,618	80,184	83,191	31,431
Harford.....	57,531	75,229	.....	80,687	.....	.....	.....	.....	.....	.....	.....	976,529
Home.....	No return	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phoenix of Brooklyn.....	.....	.....	.....	.....	.....	15,506	20,090	11,858	6,075	7,516	7,484	68,529
.....	165,166	194,781	314,452	332,243	259,049	264,303	228,955	213,630	211,594	225,512	241,140	3,003,372

RECAPITULATION.

Canadian Companies.....	501,362	536,600	707,418	796,847	812,896	1,453,781	1,646,654	1,881,641	1,622,955	1,161,896	1,102,822	13,444,971
British Companies.....	1,119,011	1,185,398	1,299,846	1,499,620	1,773,265	1,809,473	1,683,715	1,597,410	1,927,220	1,994,940	1,899,164	2,048,408
American Companies.....	165,166	194,781	314,452	332,243	352,255	259,049	264,395	228,955	213,630	211,594	225,512	3,003,372
Grand Totals.....	1,785,539	1,916,779	2,321,716	2,628,710	2,968,416	3,522,303	3,594,764	3,708,006	3,764,005	3,368,430	3,227,468	3,479,577
												36,285,733

\* Formerly the Agricultural Mutual.  
 † Formerly the Isolated Risk. In its premiums for 1880 the \$17,352 received for re-insurance of the risks of the National has not been included.  
 ‡ This is exclusive of \$63,310 received for re-insurance of the risks of Canada, Agricultural and Ottawa Agricultural.

SUMMARY OF LOSSES paid for Fire Insurance in Canada by all Companies, for the Years 1869-1880.

	Losses Paid.											Total.	
	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.		1880.
<i>Canadian Companies.</i>													
British America.....	49,558	61,636	83,669	89,828	117,970	92,349	125,435	106,989	115,015	73,553	101,804	81,140	1,098,943
Canada Agricultural.....	.....	.....	.....	.....	.....	41,317	63,437	102,086	83,291	78,517	102,632	120,719	474,221
Canada Fire.....	.....	.....	.....	.....	.....	.....	35,688	134,715	69,599	69,599	71,197	55,674	736,720
Citizens.....	.....	.....	.....	.....	.....	.....	62,632	168,608	309,016	10,876	34,024	48,973	93,673
Dominion.....	.....	.....	.....	.....	.....	.....	.....	64,166	68,358	67,599	85,031	75,098	733,603
*London Mutual Fire.....	42,317	64,078	55,048	50,165	47,273	45,047	59,423	42,839	167,447	48,944	28,502	.....	287,732
National Fire.....	.....	.....	.....	.....	.....	.....	280	14,362	52,743	40,778	.....	.....	108,164
Ottawa Agricultural.....	81,431	68,006	100,344	119,791	166,512	117,386	139,134	163,020	61,522	.....	.....	.....	967,146
Provincial.....	28,990	152,076	17,582	60,030	57,606	27,840	61,638	105,753	37,747	15,304	19,511	28,807	613,504
Quebec.....	.....	.....	.....	.....	.....	157,672	322,405	332,977	560,179	55,147	54,597	63,473	1,546,450
Royal Canadian.....	.....	.....	2,132	10,074	20,249	37,210	44,546	66,201	59,998	65,351	58,777	88,941	463,479
*Sovereign.....	.....	.....	.....	.....	.....	.....	54,854	243,016	286,070	189,755	.....	.....	773,695
*Stadacona.....	73,840	107,618	155,564	179,981	138,039	143,652	148,402	153,373	250,067	112,845	131,328	138,794	1,733,503
Western.....	276,116	453,414	414,339	510,469	487,649	632,470	1,082,206	1,599,048	2,186,162	828,069	687,353	701,639	9,588,934
<i>British Companies.</i>													
Commercial Union.....	38,223	45,035	85,262	88,407	31,765	30,467	65,287	55,723	420,405	74,117	129,527	103,516	1,167,734
Guardian.....	None.	1,300	3,523	22,910	77,834	34,465	24,275	11,910	442,575	22,081	40,661	23,638	705,617
Imperial.....	29,587	71,589	67,935	80,565	71,295	68,886	105,946	55,946	660,979	67,230	82,762	49,903	1,411,070
Lancashire.....	29,368	28,212	25,035	53,670	40,802	45,088	46,393	40,307	454,572	70,574	90,180	87,434	1,017,765
L'pool & Lond'n & Globe	183,579	251,405	215,563	244,474	136,608	161,156	193,477	118,873	526,275	37,093	78,429	54,703	2,204,635
London and Lancashire.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	465	465
London Assurance.....	66,274	33,221	35,034	84,493	43,875	56,721	16,544	37,888	25,118	29,697	44,227	14,406	488,101
North British.....	47,829	115,967	140,757	119,695	110,154	157,391	220,639	171,265	1,052,876	118,497	168,880	119,851	2,543,711
Northern.....	6,600	2,781	22,709	63,948	67,722	35,269	44,134	34,865	505,441	51,281	46,434	42,169	920,362
Norwich Union.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,415	1,415
Phoenix of London.....	23,819	128,845	37,224	86,919	53,009	81,752	121,577	92,871	72,313	47,778	147,524	55,408	917,041
Queen.....	31,800	6,251	89,372	101,478	99,558	126,903	123,729	136,078	856,975	111,799	115,064	79,914	1,927,781
Royal.....	124,326	272,632	181,486	147,269	167,858	258,970	293,758	340,735	661,774	179,462	237,268	169,745	3,031,275
Scottish Commercial.....	.....	.....	.....	.....	.....	.....	9,977	39,648	14,247	37,401	46,479	29,617	177,329
Scottish Imperial.....	None.	17,131	18,127	45,029	60,811	60,035	3,850	33,769	24,755	33,491	47,545	26,239	400,765
.....	579,416	1,024,362	922,400	1,136,167	987,316	1,120,106	1,299,611	1,168,858	6,718,305	880,571	1,275,540	855,423	16,948,076



**SUMMARY of Premiums received for Fire Insurance in Canada, by all Companies,  
for the Years 1869-82.**

	Totals from 1869 to 1880.	Premiums Received.		Total.
		1881.	1882.	
<i>Canadian Companies.</i>				
	\$	\$	\$	\$
British America.....	1,956,746	146,386	127,951	2,231,083
Canada Agricultural.....	454,896	.....	.....	454,896
Canada Fire.....	655,455	192,894	32,984	881,333
Citizens'.....	779,639	100,873	137,941	1,018,453
Dominion.....	155,871	34,371	.....	190,242
*London Mutual Fire.....	945,654	122,189	104,893	1,172,736
National Fire.....	284,026	.....	.....	284,026
Ottawa Agricultural.....	194,861	.....	.....	194,861
Provincial.....	1,434,350	.....	.....	1,434,350
Quebec.....	888,531	49,287	49,867	987,685
Royal Canadian.....	1,553,902	154,585	164,622	1,873,109
†Sovereign.....	740,931	123,476	102,554	966,961
Stadacona.....	490,488	.....	.....	490,488
Western.....	2,909,551	282,409	312,621	3,504,581
	13,444,901	1,206,470	1,033,433	15,684,804
<i>British Companies.</i>				
City of London.....	.....	.....	127,100	127,100
Commercial Union.....	1,472,258	277,885	307,967	2,058,110
Fire Insurance Association.....	.....	43,296	110,989	154,285
Guardian.....	480,753	64,915	71,095	616,763
Imperial.....	1,469,098	170,486	179,520	1,819,104
Lancashire.....	1,084,177	197,980	208,539	1,490,696
Liverpool and London and Globe.....	2,398,094	157,565	161,962	2,717,621
London and Lancashire.....	9,448	30,984	105,197	145,609
London Assurance.....	715,185	62,402	66,576	844,163
North British.....	3,027,356	271,375	273,516	3,572,247
Northern.....	721,919	95,525	132,259	949,703
Norwich Union.....	20,507	52,901	73,067	146,475
Phoenix of London.....	1,659,722	178,497	204,138	2,042,357
Queen.....	1,899,423	194,162	207,111	2,300,696
Royal.....	4,000,389	503,233	569,481	5,073,103
Scottish Commercial.....	343,421	.....	.....	343,421
Scottish Imperial.....	535,710	52,072	72,314	660,096
Scottish Union and National.....	.....	.....	37,627	37,627
	19,837,460	2,353,258	2,908,458	25,099,176
<i>American Companies.</i>				
Etna.....	1,640,268	107,571	105,571	1,853,410
Agricultural of Watertown.....	286,615	57,361	51,885	395,861
Andes.....	31,431	.....	.....	31,431
Hartford.....	976,529	87,616	103,355	1,167,500
Home.....	.....	.....	.....	.....
Phenix of Brooklyn.....	68,529	14,840	27,004	110,373
	3,003,372	267,388	287,815	3,558,575
<b>RECAPITULATION.</b>				
Canadian Companies.....	13,444,901	1,206,470	1,033,433	15,684,804
British Companies.....	19,837,460	2,353,258	2,908,458	25,099,176
American Companies.....	3,003,372	267,388	287,815	3,558,575
	36,285,733	3,827,116	4,229,706	44,342,555

\*Formerly the Agricultural Mutual.

† Formerly the Isolated Risk.

SUMMARY of Losses paid for Fire Insurance in Canada by all Companies,  
for the Years 1869-82.

	Totals for 1869 to 1880.	Losses Paid.		
		1881.	1882.	Total.
	\$	\$ cts.	\$ cts.	\$ cts.
<i>Canadian Companies.</i>				
British America.....	1,098,943	128,869	80,711	1,308,523
Canada Agricultural.....	290,101			290,101
Canada Fire.....	472,221	152,074	73,838	698,133
Citizens'.....	736,720	89,058	119,581	945,359
Dominion.....	93,673	54,582		148,255
* London Mutual Fire.....	723,603	94,632	60,758	878,993
National Fire.....	287,732			287,732
Ottawa Agricultural.....	108,164			108,164
Provincial.....	957,146			957,146
Quebec.....	613,504	392,442	42,328	1,048,274
Royal Canadian.....	1,546,450	142,440	103,338	1,792,228
† Sovereign.....	453,479	107,042	78,811	639,332
Stadacona.....	773,695			773,695
Western.....	1,733,503	175,619	174,478	2,083,600
	<b>9,888,934</b>	<b>1,336,758</b>	<b>733,843</b>	<b>11,959,535</b>
<i>British Companies.</i>				
City of London.....			63,220	66,220
Commercial Union.....	1,167,734	203,594	238,110	1,609,438
Fire Insurance Association.....		7,453	75,568	83,021
Guardian.....	705,617	58,965	45,027	809,609
Imperial.....	1,411,070	130,320	100,755	1,642,145
Lancashire.....	1,017,755	141,313	121,876	1,280,944
Liverpool and London and Globe.....	2,204,635	142,155	107,074	2,453,864
London and Lancashire.....	465	9,379	30,537	40,381
London Assurance.....	488,101	24,283	35,707	548,091
North British.....	2,543,711	253,794	179,488	2,976,993
Northern.....	920,382	65,338	89,217	1,074,937
Norwich Union.....	1,415	14,205	40,436	56,056
Phoenix of London.....	947,041	121,359	123,946	1,192,346
Queen.....	1,927,781	150,759	150,717	2,229,257
Royal.....	3,034,275	324,667	315,855	3,674,797
Scottish Commercial.....	177,329			177,329
Scottish Imperial.....	400,765	21,821	39,593	462,179
Scottish Union and National.....			8,318	8,318
	<b>16,948,076</b>	<b>1,669,405</b>	<b>1,768,444</b>	<b>20,385,925</b>
<i>American Companies.</i>				
Etna.....	1,452,762	60,018	82,164	1,594,944
Agricultural of Watertown.....	144,136	29,316	20,271	193,723
Andes.....	5,668			5,668
Hartford.....	671,932	71,227	56,554	799,713
Home.....	60,691			60,691
Phenix of Brooklyn.....	104,070	3,100	3,710	110,880
	<b>2,439,259</b>	<b>163,661</b>	<b>162,699</b>	<b>2,765,619</b>

RECAPITULATION.

Canadian Companies.....	9,888,934	1,336,758	733,843	11,959,535
British Companies.....	16,948,076	1,669,405	1,763,444	20,385,925
American Companies.....	2,439,259	163,661	162,699	2,765,619
<b>Grand Totals.....</b>	<b>29,276,269</b>	<b>3,169,824</b>	<b>2,664,986</b>	<b>35,111,079</b>

\* Formerly the Agricultural Mutual.

† Formerly the Isolated Risk.

## SUMMARY of Fire Insurance in Canada for the Year 1869 to 1882, inclusive.

Year.	Net Cash Premiums Received.	Amount of Policies taken during each year.	Amount of Risk at date of Statements.	Losses Paid.
<b>CANADIAN COMPANIES.</b>				
	\$	\$	\$	\$
1869.....	501,362	41,090,604	59,340,916	276,116
1870.....	536,600	54,637,315	59,523,641*	453,414
1871.....	707,418	68,921,494	68,465,914*	414,339
1872.....	798,847	76,499,542	72,203,784*	510,469
1873.....	842,896	71,775,952	91,032,187*	487,649
1874.....	1,453,781	126,588,965	126,705,337*	662,470
1875.....	1,646,654	168,896,111	190,284,543	1,082,206
1876.....	1,881,641	198,509,113	281,834,162	1,599,048
1877.....	1,622,955	168,935,723	217,745,048	2,186,162
1878.....	1,161,896	127,283,165	171,430,720	828,069
1879.....	1,102,822	124,652,727	158,824,631	687,353
1880.....	1,190,029	131,079,789	154,403,173	701,639
1881.....	1,266,470	140,331,153	153,436,408	1,336,758
1882.....	1,033,433	124,123,715	152,564,079	733,843
	15,684,804	1,623,330,368	.....	11,959,535
<b>BRITISH COMPANIES.</b>				
1869.....	1,119,011	120,747,515	115,222,003	579,416
1870.....	1,185,398	131,570,928	120,903,017	1,024,362
1871.....	1,299,846	148,147,966	132,731,241	922,400
1872.....	1,499,620	174,361,395	145,700,486	1,136,167
1873.....	1,773,265	172,531,126	147,602,019	967,316
1874.....	1,809,473	177,346,240	155,088,455	1,120,106
1875.....	1,683,715	166,953,268	154,935,931	1,299,612
1876.....	1,597,410	178,725,453	153,885,268	1,168,858
1877.....	1,927,220	206,713,932	184,304,318	5,718,395
1878.....	1,994,940	213,127,414	202,702,743	880,571
1879.....	1,899,154	213,131,295	208,265,359	1,275,540
1880.....	2,048,408	227,537,306	229,745,985	855,423
1881.....	2,353,258	271,044,719	277,721,299	1,669,405
1882.....	2,908,458	321,466,183	339,520,054	1,768,444
	25,099,176	2,723,404,740	.....	20,385,925
<b>AMERICAN COMPANIES.</b>				
1869.....	165,166*	9,702,356*	13,796,800*	172,188
1870.....	194,781	12,893,827*	11,167,928*	147,061
1871.....	314,452	27,367,712*	27,256,629*	212,460
1872.....	332,243	26,526,334*	33,818,670	263,339
1873.....	352,255	26,788,850	40,120,629	227,219
1874.....	259,049	25,243,769	25,054,477	143,583
1875.....	264,395	17,357,605	19,300,555	181,713
1876.....	228,955	23,914,181	18,888,760	99,389
1877.....	213,830	21,013,457	18,293,315	586,452
1878.....	211,594	19,432,178	35,766,238	114,034
1879.....	225,512	22,920,397	40,267,995	182,305
1880.....	241,140	25,434,766	27,414,113	109,516
1881.....	267,388	30,040,366	31,053,261	163,661
1882.....	287,815	32,454,518	34,772,345	162,699
	3,558,575	321,090,316	.....	2,765,619
<b>TOTALS FOR ALL THE YEARS FROM 1869 TO 1882, INCLUSIVE.</b>				
Canadian Companies.....	15,684,804	1,623,330,368	.....	11,959,535
British do .....	25,099,176	2,723,404,740	.....	20,385,925
American do .....	3,558,575	321,090,316	.....	2,765,619
<b>Grand Total.....</b>	<b>44,342,555</b>	<b>4,667,825,424</b>	.....	<b>35,111,079</b>

\* These returns are imperfect.



INLAND Marine Insurance Business in Canada, for 1882.

	Net Cash received for Premiums.	Gross Amount of Policies, New and Renewed.	Net Amount at Risk at Date.	Net Amount of Losses Paid.	Unsettled Claims.		Net Amount of Losses Incurred during the Year.
					Not Resisted.	Resisted.	
<b>CANADIAN COMPANIES.</b>							
Anchor.....	\$ 29,928	2,597,784	5,500	9,418	\$ 1,501	\$ None.	\$ 7,007
British America .....	16,071	3,811,597	2,500	17,411	5,508	None.	4,748
Royal Canadian.....	59,821	5,532,268	None.	44,297	9,720	None.	30,552
Western.....	51,082	5,208,939	45,468	23,366	6,145	None.	23,948
	156,902	17,150,588	53,468	94,512	22,874	None.	66,255
<b>AMERICAN COMPANIES.</b>							
Atna.....	9,841	1,808,461	None.	1,053	None.	None.	1,053
Phoenix of Brooklyn.....	101	1,960,236	None.	12,467	None.	None.	2,669
	9,942	3,768,697	None.	13,520	None.	None.	3,722
<b>RECAPITULATION.</b>							
Canadian Companies.....	156,902	17,150,588	53,468	94,512	22,874	None.	66,255
American Companies.....	9,942	3,768,697	None.	13,520	None.	None.	3,722
	166,844	20,919,285	53,468	108,032	22,874	None.	69,977.

**ABSTRACT of Fire and Marine Insurance done by Canadian Companies which do business outside of the Dominion, and of Inland Marine and Ocean business done by Companies combining these branches, for 1882.**

**BRITISH AMERICA ASSURANCE COMPANY, TORONTO.**

Nature of Business.	Net Cash received for Premiums.	Gross Amount of Policies New and Renewed.	Net Amount at Risk at Date.	Unsettled Claims.		Net Amount of Losses Incurred during the Year.	Remarks.
				Not Resisted.	Resisted.		
	\$	\$	\$	\$	\$	\$	
Fire Insurance.....	758,955	78,440,182	66,840,218	135,669	2,500	562,185	{ In all countries, 31st Dec. 1882.
Inland Marine.....	49,875	9,698,479	308,385	9,404	None.	16,764	
Marine, Ocean.....	12,678	660,102	96,320	4,333	None.	11,643	
	801,508	88,798,733	67,244,923	149,406	2,500	590,592	

**ROYAL CANADIAN INSURANCE COMPANY, MONTREAL.**

Fire Insurance.....	164,622	20,388,593	20,225,715	8,265	None.	110,629	{ In Canada, 31st Dec., 1882.
Inland Marine.....	59,821	5,532,288	None.	9,720	None.	30,552	
Marine, Ocean.....	78,024	5,216,189	553,420	16,987	None.	78,629	
	302,467	31,196,990	20,779,135	33,952	None.	220,010	

**WESTERN ASSURANCE COMPANY, TORONTO.**

Fire Insurance.....	1,099,464	102,145,173	91,732,483	73,617	None.	812,637	{ In all countries, 31st Dec., 1882.
Inland Marine.....	152,881	26,014,616	587,381	22,086	None.	82,112	
Marine, Ocean.....	120,429	9,121,578	736,445	14,314	7,000	126,380	
	1,372,774	137,281,367	93,056,308	110,027	7,000	1,020,139	

PHENIX INSURANCE COMPANY OF BROOKLYN, U.S.

Fire Insurance.....	27,004	4,063,781	2,580,089	3,710	400	4,110	} In Canada, 31st Dec., 1882.
Inland Marine.....	101	1,960,236	None.	12,467	None.	2,669	
Marine, Ocean.....	1,773	182,559	None.	None.	None.	None.	
	28,878	6,206,576	2,580,089	16,177	400	6,779	

ÆTNA FIRE INSURANCE COMPANY.

Fire Insurance.....	106,571	12,757,689	7,295,850	82,164	7,470	77,026	} In Canada, 31st Dec., 1882.
Inland Marine.....	9,841	1,808,461	None.	1,053	None.	1,063	
	116,412	14,566,070	7,295,850	83,217	7,470	78,079	

SOVEREIGN FIRE INSURANCE COMPANY.

Fire Insurance.....	118,696	22,635,074	27,323,056	81,454	30,746	105,890	} In all countries 31st Dec., 1882.
						5,046	

TABLE I.—Showing the TOTAL ASSETS, and their Nature, of Canadian  
CANADIAN COM

Companies.	Commenced Business.	Real Estate.		Loans on Real Estate.		Stocks, Bonds and Debentures.	
		\$	cts.	\$	cts.	\$	cts.
Anchor.....	31st March, 1874 .....	None.		6,675	65	58,680	00
British America.....	1833.....	90,000	00	3,637	50	977,099	10
Canada Fire and Marine.....	1st September, 1875..	None.		155	00	51,000	00
Citizens'.....	1st January, 1865....	85,000	00	None.		92,101	00
London Mutual Fire.....	1859.....	None.		1,100	00	None.	
Quebec.....	1818.....	32,000	00	None.		78,388	00
Royal Canadian.....	13th August, 1873....	None.		35,275	00	272,251	13
Sovereign.....	July, 1871.....	1,687	74	11,700	00	99,254	12
Western.....	August, 1851.....	57,440	00	26,850	00	972,607	21

## Companies doing business of Fire and Inland Marine Insurance.

## COMPANIES—ASSETS—1882.

Loans on Collaterals.	Agents' Balances and Bills re- ceivable.	Cash on hand and in Banks, or deposited with Government	Interest due and accrued.	Other Assets.	Total Assets.	Nature of Business.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
None.	20,525 51	11,976 50	1,175 00	27,520 19	126,552 85	Inland Marine.
None.	70,518 72	38,952 90	1,543 11	9,202 74	1,190,954 07	Fire, Inland & Ocean.
None.	5,029 01	8,115 11	1,670 00	5,449 55	71,418 67	Fire.
None.	28,127 50	16,123 07	379 37	21,805 36	243,536 30	Fire and Accident.
None.	* 245,772 47	62,686 16	250 68	648 53	310,457 84	Fire.
None.	2,771 21	28,952 32	687 68	807 18	143,606 39	do
None.	70,537 91	85,406 95	None.	32,364 67	495,835 66	Fire, Inland & Ocean.
52,940 00	41,656 45	31,221 20	3,276 15	1,506 40	243,242 06	Fire.
None.	157,887 59	91,141 73	3,832 95	36,880 84	1,346,640 32	Fire, Inland & Ocean.

\* Including premium notes, \$223,884.50.

TABLE II.—Showing the ASSETS in Canada of British and American  
BRITISH COMPANIES—

Companies.	Commenced Business in Canada.	Real Estate.	Loans on Real Estate.	Stocks, Bonds and Debentures.
		\$ cts.	\$ cts.	\$ cts.
City of London .....	1st September, 1881 .	None.	None.	102,200 00
Commercial Union.....	11th September, 1863.	None.	None.	109,830 92
Fire Insurance Association .....	December, 1880 .....	None.	None.	100,000 00
Guardian .....	1st May, 1869 .....	None.	None.	102,321 67
Imperial .....	1864.....	None.	None.	103,290 12
Lancashire .....	July, 1864 .....	None.	3,000 00	50,613 33
Liverpool and London and Globe ...	4th June, 1851 .....	96,846 45	440,506 08	88,825 00
London and Lancashire .....	1st April, 1880.....	None.	None.	102,200 00
London Assurance .....	1st March, 1862.....	None.	None.	178,630 00
North British .....	1862.....	73,240 00	44,000 00	536,623 55
Northern .....	1867.....	None.	None.	104,999 99
Norwich Union.....	1st April, 1880 .....	None.	None.	109,000 00
Phoenix of London .....	1804.....	None.	None.	107,616 00
Queen .....	5th July, 1859 .....	1,080 00	980 00	148,434 00
Royal .....	About 1848 .....	120,000 00	None.	564,533 34
Scottish Imperial.....	1869.....	None.	None.	36,712 50
Scottish Union and National .....	February, 1882.....	None.	None.	122,873 00

## AMERICAN

Etna Fire .....	1821.....	None.	None.	112,555 00
Agricultural of Watertown .....	October, 1878 .....	900 00	None.	119,500 00
Hartford .....	1836 .....	None.	None.	107,625 75
Phoenix of Brooklyn .....	1st May, 1874 .....	None.	None.	119,625 00

Companies doing business of Fire and Inland Marine Insurance in Canada.

ASSETS IN CANADA—1882.

Loans on Collaterals.	Agents' Balances and Bills Receivable.	Cash on hand and in Banks or deposited with Government	Interest due and accrued.	Other Assets.	Total Assets in Canada.	Nature of Business.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
None.	6,435 43	5,454 85	None.	4,308 38	118,398 66	Fire.
None.	9,270 84	17,979 79	None.	1,800 00	138,881 55	do
None.	12,579 13	4,697 93	None.	992 41	118,269 47	do
None.	None.	None.	None.	None.	102,321 67	do
None.	None.	12,587 88	None.	None.	115,878 00	do
None.	17,625 50	57,956 75	898 98	None.	130,094 56	do
1,551 94	3,884 04	122,580 38	7,969 12	2,000 00	764,163 01	Fire and Life.
None.	5,124 25	12,183 86	None.	None.	119,508 11	Fire.
None.	None.	None.	None.	None.	178,690 00	Fire and Life.
None.	37,125 96	39,312 49	6,515 90	2,500 00	739,317 90	do
None.	12,430 56	3,141 69	1,370 82	None.	121,943 06	Fire.
None.	2,250 00	50,606 84	227 00	None.	162,083 84	do
None.	None.	None.	None.	None.	107,626 00	do
2,792 47	12,873 44	6,759 63	120 59	2,150 00	175,190 13	Fire and Life.
19,303 50	45,094 89	7,204 64	None.	7,319 90	763,456 27	do
None.	6,162 52	71,152 44	1,235 53	None.	115,262 99	Fire.
None.	1,639 28	None.	None.	None.	124,312 28	do

COMPANIES.

None.	10,194 78	3,777 48	None.	None.	126,527 26	Fire and Inland Marine.
None.	12,827 42	None.	None.	None.	133,227 42	Fire.
None.	2,223 27	None.	None.	None.	109,849 02	do
None.	879 69	None.	None.	1,568 00	122,072 69	Fire and Inland Marine.

**TABLE III.**—Showing the Total Liabilities of Canadian Companies doing business of Fire or Inland Marine Insurance.  
CANADIAN COMPANIES—LIABILITIES, 1882.

Companies.	Unsettled Losses (F., I. & O.)	Reserve of Unearned Premiums (F., I. & O.) and Liability under other Branches.	Sundry.	Total Liability, not including Capital Stock.	<sup>e</sup> Excess of Assets over Liabilities, exclud- ing Capital Stock. — d The Reverse.	Capital Stock paid up or in course of collection.	Surplus (if any) or Assets over Liabilities and Capital Stock.	Nature of Business.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
Anchor.....	22,013 97	153 75	8,524 16	30,691 88	e 95,860 97	143,430 00	.....	Inland and Ocean.....
British America.....	151,906 99	388,544 27	36,845 94	577,297 20	e 613,656 87	500,000 00	113,656 87	Fire, Inland and Ocean....
Canada Fire and Marine.	27,115 57	None.	70,851 78	97,967 35	d 26,548 68	109,432 08	.....	Fire.
† Citizens'.....	*19,155 13	†100,375 28	57,459 31	176,989 72	e 66,546 58	256,190 48	.....	Fire and Accident.
London Mutual Fire.....	7,473 25	240,183 48	None.	247,656 73	e 62,801 11	None.	62,801 11	Fire.
Quebec.....	5,294 07	39,459 13	525 25	45,278 45	e 98,327 94	373,990 00	.....	do
Royal Canadian.....	33,951 57	137,480 47	None.	171,432 04	e 324,403 62	300,000 00	24,403 62	Fire, Inland and Ocean.
Sovereign.....	36,291 84	115,438 34	118 91	151,849 09	e 91,392 97	191,890 00	.....	Fire.
Western.....	117,027 55	677,808 85	36,278 61	831,115 01	e 515,525 31	400,000 00	115,525 31	Fire, Inland and Ocean.

\* Including Guarantee, \$4,169 00, and Accident, \$308 93.

† Including reserve for Accident, \$8,706 81.



TABLE IV.—Showing the Liabilities in Canada of British and American Companies doing business of Fire or Inland Marine Insurance in Canada for the Year 1882.

BRITISH COMPANIES — LIABILITIES IN CANADA.

	Unsettled Losses (F. I. and O.)	Reserve of Unearned Premiums (F., I. and O.)	Liability under Life Branch.	Sundry.	Total Liabilities in Canada.	e Excess of Assets over Liabilities. — d The Reverse.	Nature of Business.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
City of London.....	21,052 85	60,180 17	.....	730 19	81,963 21	e 36,435 45	Fire.
Commercial Union.....	39,534 54	185,314 06	.....	None.	224,848 60	d 85,967 05	do
Fire Insurance Association.....	9,365 00	62,657 14	.....	None.	72,022 14	d 46,247 33	do
Guardian.....	None.	43,756 10	.....	None.	43,756 10	e 58,565 57	do
Imperial.....	8,300 00	102,569 18	.....	95 00	110,964 18	e 4,913 82	do
Lancashire.....	16,047 52	124,926 72	.....	None.	140,974 24	d 10,879 68	do
Liverpool and London and Globe.....	1,300 00	115,197 87	50,000 00	1,036 73	167,534 60	e 596,628 41	Fire and Life.
London and Lancashire.....	9,463 32	58,654 30	.....	None.	68,060 62	e 51,447 49	Fire.
London Assurance.....	None.	37,405 09	4,000 00	None.	41,406 09	e 137,283 91	Fire and Life.
North British.....	27,945 65	136,302 03	275,000 00	None.	459,247 68	e 280,070 22	do
Northern.....	6,500 00	83,453 65	.....	None.	89,953 65	e 31,959 41	Fire.
Norwich Union.....	2,650 00	43,933 54	.....	None.	46,583 54	e 115,500 30	do
Phoenix of London.....	7,837 71	125,952 62	.....	None.	133,790 33	d 26,164 33	do
Queen.....	7,450 00	118,031 24	80,060 40	259 81	208,601 45	d 30,611 32	Fire and Life.
Royal.....	23,481 00	400,921 51	300,000 00	None.	724,402 51	e 39,053 76	do
Scottish Imperial.....	1,625 00	51,814 21	.....	4,084 54	57,523 75	e 57,739 24	Fire.
Scottish Union and National.....	3,053 38	18,197 80	.....	None.	21,251 18	e 103,061 10	do

AMERICAN COMPANIES.

Atlas Fire.....	7,470 00	35,604 42	.....	None.	43,074 42	e 83,452 84	Fire and Inland Marine.
Agricultural of Watertown.....	900 00	73,221 19	.....	None.	74,121 19	e 59,106 23	Fire.
Hartford.....	2,063 85	56,016 21	.....	None.	58,080 06	e 61,768 96	do
Phenix of Brooklyn.....	400 00	14,185 37	.....	None.	14,585 37	e 107,487 32	Fire, Inland and Ocean.

TABLE V.—Showing the Cash INCOME and EXPENDITURE of Canadian Companies  
Expenditure in Canada of British and

## CANADIAN COMPANIES—INCOME

## INCOME (CASH).

Companies.	Net Cash for Premiums.		Interest and Dividends on Stocks, &c.		Sundry.		Total Cash Income.		Received on Account of Capital Stock not included in Income.	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Anchor .....	29,927	59	4,188	38	2,180	95	36,296	92	8,150	00
British America .....	801,508	65	55,328	25	2,636	79	859,473	69	None.	
Canada Fire and Marine .....	32,984	46	4,984	64	None.		37,949	10	9,232	08
Citizens' .....	194,014	90	7,010	67	7,002	61	208,028	18	450	00
London Mutual Fire .....	104,893	21	2,418	59	2,202	17	109,513	97	None.	
Quebec .....	49,866	99	6,124	45	1,587	78	57,579	22	2,045	00
Royal Canadian .....	302,466	88	18,892	24	11,715	96	331,075	08	700	00
Sovereign .....	118,695	72	4,968	07	60	02	123,723	81	73,450	00
Western .....	1,372,774	25	51,983	17	None.		1,424,757	42	None.	

## BRITISH

City of London .....	127,099	79	4,200	00	None.		131,299	79	.....	
Commercial Union .....	307,966	77	5,148	72	None.		313,115	49	.....	
Fire Insurance Association .....	110,989	43	4,000	00	None.		114,989	43	.....	
Guardian .....	71,095	03	5,017	17	None.		76,112	20	.....	
Imperial .....	179,519	86	5,603	40	None.		184,523	26	.....	
Lancashire .....	208,539	45	7,701	14	None.		216,240	59	.....	
Liverpool & London & Globe .....	161,961	70	39,786	70	4,450	76	206,199	16	.....	
London and Lancashire .....	105,196	58	4,313	66	None.		109,540	24	.....	
London Assurance .....	66,575	79	7,500	00	None.		74,075	79	.....	
North British .....	273,515	71	63,834	56	4,450	00	341,800	27	.....	
Northern .....	132,258	80	5,049	98	None.		137,308	78	.....	
Norwich Union .....	73,066	51	4,833	64	None.		77,900	15	.....	
Phoenix of London .....	204,137	90	5,014	89	None.		209,152	79	.....	
Queen .....	207,110	57	5,406	53	None.		212,517	10	.....	
Royal .....	569,481	10	19,205	76	6,595	06	595,281	92	.....	
Scottish Imperial .....	72,313	77	5,554	70	None.		77,868	47	.....	
Scottish Union and National .....	37,627	34	6,167	20	None.		43,794	54	.....	

## AMERICAN

Ætna Fire .....	115,412	04	4,819	77	None.		120,231	81	.....	
Agricultural of Watertown .....	51,885	32	68	42	None.		51,933	74	.....	
Hartford .....	103,355	12	3,585	00	None.		106,940	12	.....	
Phoenix of Brooklyn .....	28,877	15	None.		None.		28,877	15	.....	

doing Fire or Inland Marine Insurance in Canada, and the Cash Income and American Companies in those Branches.

AND EXPENDITURE, 1882.

EXPENDITURE (CASH).

Paid for Losses.	General Expenses.	Dividends or Bonus to Stockholders.	Total Cash Expenditure.	e Excess of Premiums over Losses Paid. d The Reverse.	e Excess of Income over Expenditure. d The Reverse.	Nature of Business.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
14,323 99	5,535 08	None.	19,859 07	e 15,603 60	e 18,437 85	Inland and Ocean
629,231 72	245,908 68	49,730 00	924,870 40	e 172,276 93	d 65,396 71	Fire, Inland and Ocean.
73,838 11	*61,025 65	None.	134,863 76	d 40,853 65	d 96,914 66	Fire.
119,581 21	71,519 54	None.	191,100 75	e 74,433 69	e 16,927 43	do
60,768 44	26,797 50	None.	87,565 94	e 44,134 77	e 21,958 03	do
42,337 83	11,895 02	325 25	54,558 10	e 7,529 16	e 3,021 12	do
235,595 32	79,058 95	12,750 00	318,404 27	e 66,871 56	e 12,670 81	Fire, Inland and Ocean.
81,454 42	48,075 28	8 22	129,537 92	e 37,241 30	d 5,814 11	Fire.
1,037,091 86	376,710 33	48,000 00	1,461,802 19	e 335,682 39	d 37,044 77	Fire, Inland and Ocean.

COMPANIES.

66,220 07	36,957 64	.....	103,177 71	e 60,879 72	e 28,122 08	Fire.
238,109 70	60,672 65	.....	298,782 35	e 69,857 07	e 14,333 14	do
75,567 92	29,071 27	.....	104,639 19	e 35,421 51	e 10,350 24	do
45,026 94	15,550 00	.....	60,576 94	e 28,068 09	e 15,535 26	do
100,755 16	36,458 63	.....	137,213 79	e 78,764 70	e 47,309 47	do
121,875 76	45,472 97	.....	167,348 73	e 86,663 69	e 48,891 86	do
107,074 20	36,679 22	.....	143,753 42	e 54,887 50	e 62,445 74	do
30,536 52	26,911 47	.....	57,447 99	e 74,660 08	e 52,092 25	do
35,706 61	14,712 83	.....	50,419 44	e 30,869 18	e 23,656 35	do
179,488 10	60,707 95	.....	240,196 05	e 94,027 61	e 101,604 22	do
89,216 59	27,056 40	.....	116,272 99	e 43,042 21	e 21,035 79	do
40,436 37	18,218 16	.....	58,654 53	e 32,630 14	e 19,245 62	do
123,945 74	46,869 89	.....	170,815 63	e 80,192 16	e 38,337 16	do
150,716 94	44,886 42	.....	195,603 36	e 56,393 63	e 16,913 74	do
315,855 01	132,677 20	.....	448,532 21	e 253,628 09	e 146,749 71	do
39,593 30	17,012 10	.....	56,605 40	e 32,720 47	e 21,263 07	do
8,317 58	8,587 05	.....	16,904 63	e 29,309 76	e 26,889 91	do

COMPANIES.

83,216 80	17,579 30	.....	100,796 10	e 32,195 24	e 19,435 71	Fire and Inland Marine.
20,270 79	16,855 86	.....	37,126 65	e 31,614 53	e 14,827 09	Fire.
56,553 70	18,209 76	.....	74,763 46	e 46,801 42	e 32,176 66	do
16,177 00	8,422 42	.....	24,599 42	e 12,700 15	e 4,277 73	Fire, Inland and Ocean.

\* Of this amount \$38,505.80 is for re-insurance of risks in the Citizens' Insurance Co.

TABLE VI.—Showing the Rates of Losses paid, General Expenses, and Stockholders' Dividends, per cent. of Premiums received by Canadian Companies doing Fire or Marine Insurance during 1882; also the Rates of Premiums charged per cent. of Amounts Insured, and the Rate of their Assets per cent. of Amounts in force at the end of the Year, and the Rate of Total Cash Expenditure per cent. of Total Cash Income.

	Nature of Business.	Rate of Losses paid per cent. of Premiums received.	Rate of General Expenses per cent. of Premiums received.	Rate of Dividend or Bonus to Stockholders per cent. of Premiums received.	Rate of Total Cash Expenditure per cent. of Total Cash Income.	Amount of Risks taken during the year.	Premiums charged thereon.	Rate of Premiums charged per cent. of Risks taken.	Net Amount of Insurance in force at date.	Assets.	Rate of Assets per cent. of Amount of Risks in force.
						\$	\$		\$	\$	\$ cts.
<i>Canadian Companies.</i>											
Anchor.....	Inland and Ocean Marine.....	47.86	18.49	.....	54.71	2,597,784	28,085.52	1.08	5,500	126,552.85	Marine.
British America.....	Fire and Marine.....	78.51	30.68	6.20	107.61	88,798,733	914,010.26	1.03	67,244,923	1,190,954.07	1.77
Canada Fire and Marine.....	Fire.....	223.86	185.01	.....	355.38	3,019,779	39,699.17	1.31	None.	71,418.67	.....
Citizens'.....	do.....	61.64	36.86	.....	91.86	19,848,819	191,079.53	0.96	20,544,161	243,536.30	1.19
London Mutual Fire.....	do.....	57.92	25.55	.....	79.95	13,942,996	167,674.21	1.20	38,015,954	10,457.84	0.82
Quebec.....	do.....	84.90	23.85	0.65	94.75	5,013,282	53,815.36	1.07	6,436,690	143,606.39	2.23
Royal Canadian.....	Fire, Inland and Ocean.....	77.89	23.16	4.22	96.17	31,196,990	363,587.91	1.13	20,779,135	495,835.66	2.39
Sovereign.....	Fire.....	68.62	40.50	0.01	104.70	22,635,074	190,606.42	0.84	27,232,056	243,242.06	0.89
Western.....	Fire, Inland and Ocean.....	75.55	27.44	3.50	102.60	137,281,367	1,733,468.25	1.26	95,056,308	1,346,640.32	1.45

TABLE VII.—Showing the Rates of Losses Paid, and General Expenses in Canada, per cent. of Premiums received by British and American Companies doing Fire or Inland Marine Insurance in Canada during 1882; also the Rates of Premiums charged per cent. of Amounts Insured.

	Nature of Busines.	Rate of Losses Paid per cent. of Premiums received.	Rate of General Expenses per cent. of Premiums received.	Rate of Total Expenditure per cent. of Premiums received.	Amount of Risks taken during the year.	Premiums charged thereon.	Rate of Premiums charged per cent. of Risks taken
<i>British Companies.</i>							
City of London.....	Fire.....	52.10	29.08	81.18	10,519,231	\$ 136,888 12	1.30
Commercial Union.....	do.....	77.32	19.70	97.02	27,629,814	\$ 304,359 03	1.10
Fire Insurance Associati. n.....	do.....	68.09	26.19	94.28	13,191,510	\$ 134,708 47	1.02
Guardian.....	do.....	63.33	21.87	85.21	8,998,646	\$ 74,897 90	0.83
Imperial.....	do.....	56.12	20.31	76.43	19,872,327	\$ 193,404 61	0.97
Lancashire.....	do.....	58.44	21.81	80.25	21,668,199	\$ 228,197 93	1.05
Liverpool and London and Globe.....	do.....	66.11	22.65	88.76	20,967,629	\$ 173,252 87	0.83
London and Lancashire Fire.....	do.....	29.03	25.68	54.61	13,193,008	\$ 147,602 44	1.12
London Assurance.....	do.....	53.63	23.10	75.73	9,538,114	\$ 73,900 77	0.77
North British.....	do.....	65.62	22.20	87.82	34,391,964	\$ 322,351 87	0.94
Northern.....	do.....	67.45	20.46	87.91	14,767,173	\$ 143,979 38	0.97
Norwich Union.....	do.....	55.34	24.93	80.28	9,788,396	\$ 83,239 36	0.85
Phoenix of London.....	do.....	60.72	22.96	83.68	21,877,115	\$ 235,208 12	1.08
Queen.....	do.....	72.77	21.67	94.44	20,869,325	\$ 225,835 86	1.08
Royal.....	do.....	55.46	23.30	78.76	62,360,657	\$ 608,238 40	0.96
Scottish Imperial.....	do.....	54.75	23.53	78.28	7,732,490	\$ 81,838 44	1.06
Scottish Union.....	do.....	22.11	22.82	44.93	4,085,685	\$ 37,627 34	0.92
<i>American Companies.</i>							
Zetna Fire.....	Fire and Inland Marine.....	72.10	15.23	87.34	14,566,070	\$ 133,961 78	0.92
Agricultural of Watertown.....	Fire.....	39.07	32.49	71.56	5,057,353	\$ 50,040 18	0.99
Hartford.....	do.....	54.72	17.62	72.34	10,575,775	\$ 103,355 12	0.98
Phoenix.....	Fire, Inland and Ocean.....	56.02	29.17	85.19	6,206,576	\$ 52,207 43	0.84

STATEMENT of Citizens' Insurance Company of Canada—Fire, Accident and Guarantee Departments, for the Year ended 31st December, 1882.

Nature of Business.	INCOME, CASH.					EXPENDITURE, CASH.					
	Net Cash for Premiums.	Interest and Dividends on Stocks, &c.	Sundry.	Total Cash Income.	Received on account of Capital Stock, not included in income.	Paid for Losses.	General Expenses.	Dividends or Bonus to Stockholders.	Total Cash Expenditure.	Excess of Premiums over Losses. & The Reverse.	Excess of Income over Expenditure & The Reverse.
Fire.....	\$ 194,014 90	\$ 7,010 67	\$ 7,022 61	\$ 208,028 18	\$ 450 00	\$ 119,581 21	\$ 71,519 54	\$ .....	\$ 191,100 75	\$ 74,433 69	\$ 16,927 43
Accident....	19,285 14	None.	None.	19,285 14	.....	3,347 31	*8,271 92	.....	11,619 23	15,937 83	7,665 91
Guarantee....	243 63	None.	3,369 57	3,613 20	.....	8,225 77	454 98	.....	8,679 85	7,982 14	5,066 65
Total.....	213,543 67	7,010 67	10,372 18	230,926 52	450 00	131,154 29	80,245 54	None.	211,399 83	82,389 58	19,526 69

Including bonus to policy-holders, \$87.

**ABSTRACT OF STATEMENTS**  
**OF**  
**LIFE INSURANCE COMPANIES IN CANADA**  
**FOR THE YEAR**  
**1882.**

**ABSTRACT OF ACCIDENT INSURANCE IN CANADA**  
**FOR 1882.**

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ABSTRACT of Life Insurance in Canada for 1882.

	† Pre- miums for Year.	Number of Policies New.	† Amount of Policies New.	Number of Policies in force at date.	† Net Amount in force at date.	Number of Policies become Claims.	† Net Amount of Policies become Claims.	UNSETTLED CLAIMS.		Date of Return.
								† Claims Paid.	Not Registered.	
<i>Canadian Companies.</i>										
Canada.....	\$ 733,010	1,936	\$ 3,753,535	15,202	\$ 27,292,776	128	\$ 241,818	243,269	\$ 58,437	30th April, 1882.
Citizens.....	40,227	272	500,506	863	1,333,762	10	18,374	20,600	5,000	31st Dec., 1882.
Confederation.....	277,515	1,375	2,350,060	6,357	9,709,337	39	63,709	69,127	14,139	31st Dec., 1882.
† Federal.....	7,070	254	404,350	254	394,350	None.	None.	None.	None.	31st Dec., 1882.
† Life Association of Canada.....	44,854	333	641,500	1,400	1,810,212	20	18,205	18,205	1,146	31st Dec., 1882.
North American ...	77,087	{ 575	1,230,700	947	1,757,650	3	1,500	1,500	None.	31st Dec., 1882.
{ General.....	697	{ 1,341	1,114,183	1,267	1,842,287	9	1,319	1,319	None.	31st Dec., 1882.
{ Industrial.....	161,982	725	1,720,560	4,335	5,429,479	27	26,800	28,431	8,438	31st Dec., 1882.
Ontario Mutual.....	216,108	725	1,537,167	3,318	5,771,889	35	63,111	58,111	10,000	31st Dec., 1882.
Sun.....	5,252	34	35,500	178	171,309	2	1,500	1,100	None.	31st Dec., 1882.
Toronto.....	1,562,085	7,542	12,198,045	34,121	53,855,051	273	436,336	431,662	None.	31st Dec., 1882.
Totals for 1882.....	1,291,026	8,918	11,158,479	29,859	46,041,591	231	388,814	413,164	None.	31st Dec., 1882.
Totals for 1881.....	† 271,089	** 21,376	† 1,039,566	† 4,262	† 7,813,460	† 42	† 47,522	† 18,198	None.	31st Dec., 1882.
Increase i—Decrease d.....										
<i>British Companies.</i>										
Briton Life.....	2,885	None.	None.	63	113,222	None.	None.	None.	None.	31st Dec., 1882.
* Briton Medical.....	29,677	None.	None.	378	848,151	14	52,794	28,460	25,133	31st Dec., 1882.
Commercial Union.....	20,682	9	23,117	301	685,914	6	10,090	10,090	None.	31st Dec., 1882.
* Edinburgh.....	17,383	None.	None.	207	516,795	5	24,365	31,825	None.	31st Mar., 1882.
* Life Association of Scotland.....	83,203	None.	None.	1,535	2,935,529	32	76,812	68,713	27,253	31st Dec., 1882.
Lion.....	25,993	201	465,450	301	747,450	None.	None.	None.	None.	5th April, 1882.
Liverpool and London and Globe	9,181	4	13,000	181	270,047	2	1,707	1,707	None.	31st Dec., 1882.
London and Lancashire.....	103,147	394	845,050	1,877	3,164,303	15	31,844	19,611	14,000	31st Dec., 1882.
London Assurance.....	9,987	None.	None.	8	30,125	None.	None.	None.	None.	31st Dec., 1882.
North British.....	24,367	11	36,500	326	930,917	6	27,039	42,861	None.	30th Nov., 1882.
Queen.....	10,390	10	20,000	205	429,835	5	6,495	2,245	5,250	31st Dec., 1882.
* Reliance.....	17,265	None.	None.	337	473,463	8	17,400	8,007	10,900	31st Dec., 1882.
Royal.....	22,616	9	16,900	325	953,143	6	23,389	21,119	3,345	31st Dec., 1882.
* Scottish Amicable.....	15,259	None.	None.	193	478,274	6	61,139	21,823	45,667	31st Dec., 1882.
* Scottish Provident.....	4,872	None.	None.	99	220,976	6	3,163	2,798	1,217	31st Dec., 1882.



*Scottish Provincial.....	26,578	None.	523	922,901	8	14,884	21,943	12,694	None.	31st Jan., 1882.
*Standard.....	236,513	569	3,647	7,757,609	43	109,618	94,241	26,921	None.	15th Nov., 1882.
18 Star.....	23,334	47	378	860,534	1	973	None.	973	None.	31st Dec., 1882.
Totals for 1882.....	674,362	1,254	10,884	22,329,368	162	461,712	375,434	.....	.....	.....
Totals for 1881.....	613,595	1,171	10,242	20,983,092	144	340,767	339,710	.....	.....	.....
Increase i—Decrease d.....	61,767	83	642	1,346,276	18	120,945	35,724	.....	.....	.....
<i>American Companies.</i>										
Æthna.....	505,524	1,420	10,090	13,093,991	141	167,214	154,864	30,624	7,000	31st Dec., 1882.
*Connecticut.....	118,273	None.	1,938	3,764,503	36	50,425	68,066	6,663	None.	31st Dec., 1882.
Equitable.....	253,868	475	2,892	7,446,801	21	80,603	65,603	25,000	None.	31st Dec., 1882.
Metropolitan.....	22,993	4	355	843,432	4	7,000	None.	7,000	None.	31st Dec., 1882.
*National.....	3,357	None.	407	441,702	6	7,700	6,676	3,000	5,500	31st Dec., 1882.
*New York.....	94,139	None.	1,418	3,533,955	23	77,770	59,014	21,676	None.	31st Dec., 1882.
*North Western.....	27,492	None.	590	857,235	3	7,000	9,061	None.	None.	31st Dec., 1882.
*Phoenix of Hartford.....	63,078	None.	1,023	2,046,326	40	53,292	37,632	24,000	None.	31st Dec., 1882.
Travelers.....	107,972	304	2,416	3,488,976	21	17,682	17,594	9,300	3,000	31st Dec., 1882.
Union Mutual.....	103,923	452	2,211	3,295,750	36	63,763	59,845	7,018	None.	31st Dec., 1882.
11 United States.....	1,539	10	36	84,905	3	4,510	4,510	None.	None.	31st Dec., 1882.
Totals for 1882.....	1,308,158	2,665	24,045	38,857,629	334	536,959	472,925	.....	.....	.....
Totals for 1881.....	1,190,668	2,198	24,756	36,266,249	337	583,245	636,327	.....	.....	.....
Increase i—Decrease d.....	118,090	467	1,289	2,591,380	3	46,286	163,402	.....	.....	.....

RECAPITULATION.

9. Canadian Companies.....	1,593,085	7,542	31,121	53,855,051	273	436,356	431,662	.....	.....	.....
18 British Companies.....	674,362	1,234	10,884	22,329,368	162	461,712	375,431	.....	.....	.....
11. American Companies.....	1,308,158	2,665	24,045	38,857,629	334	536,959	472,925	.....	.....	.....
Totals for 1882.....	3,544,605	11,461	69,050	115,042,048	769	1,435,007	1,280,021	.....	.....	.....
Totals for 1881.....	3,094,689	12,287	62,837	103,290,932	712	1,312,826	1,389,201	.....	.....	.....
Increase i—Decrease d.....	449,916	826	6,193	11,751,116	57	122,181	109,180	.....	.....	.....

\* These Companies have ceased doing new business in Canada. † These amounts are net, re-insurances having been deducted. ‡ Formerly the Mutual Life. \*\* This increase occurs in the industrial policies only. In ordinary policies there has been an increase of 630 policies for \$1,274,846. †† Six months' business only.

INCREASE or DECREASE of Items of Life Insurance in Canada, among the Active Companies, for 1882, compared with 1881.

CANADIAN COMPANIES.

Increase (i)—Decrease (d).	Premiums of the Year.	Number of Policies New.	Amount of Policies New.	Number of Policies in force at date.	Amount in force.	Number of Policies become Claims.	Amount of Policies become Claims.	Claims Paid.
	\$		\$		\$		\$	\$
Canada .....	i 64,899	d 126	d 161,245	i 1,204	i 2,388,605	i 3	i 2,716	d 18,107
Citizens .....	i 19,059	i 181	i 346,800	i 172	i 301,508	i None.	i 3,573	i 8,414
Confederation .....	i 62,777	i 187	i 432,846	i 979	i 1,706,058	i 13	i 23,162	i 6,676
Life Association of Canada .....	i 7,517	i 34	i 121,500	i 137	i 238,614	i 7	i 6,782	i 7,482
North American, General .....	i 42,714	{ i 41	{ i 169,779	{ i 432	{ i 811,650	{ i 2	{ i 500	{ i 500
do Industrial .....	{ i 2,006	{ d 2,006	{ d 235,280	{ d 34	{ i 3,075	{ i 2	{ d 882	{ i 882
Ontario Mutual .....	i 1,459	i 235	i 126,717	i 890	i 1,237,468	i 8	i 4,800	i 12,992
Sun .....	d 66,544	d 143	d 114,601	i 271	i 781,732	i 6	i 4,807	i 1,759
Toronto .....	d 1,010	d 33	d 41,300	d 43	d 49,600	i 1	i 1,300	d 1,100
Total increase or decrease for Canadian Companies .....	i 263,989	d 1,630	i 635,216	i 4,008	i 7,419,110	i 42	i 47,622	i 18,498

BRITISH COMPANIES.

Briton Life .....	d 506	d 8	d 20,000	d 3	d 5,678	i None.	i None.	i None.
Commercial Union .....	d 93	d 3	d 2,190	i 1	i 1,541	i 3	i 6,831	i 4,025
Lion .....	i 11,845	i 39	d 25,550	i 139	i 298,950	i None.	i None.	i None.
Liverpool and London and Globe .....	i 173	i 1	i 10,300	d 4	d 1,592	d 2	d 2,200	d 3,168
London and Lancashire .....	i 24,447	i 8	i 112,360	i 259	i 508,939	i 7	i 12,595	d 2,157
London Assurance .....	i None.	d 1	d 973	i None.	i None.	i None.	i None.	i None.
North British .....	d 1,193	d 7	d 9,400	d 5	d 26,112	d 1	d 944	i 24,104
Queen .....	i 159	d 5	d 4,500	i 2	i 21,646	i 4	i 5,495	i 2,245
Royal .....	d 4,833	d 3	d 1,427	d 3	d 16,381	i 3	i 17,821	i 15,551
Standard .....	i 41,789	i 49	d 286,447	i 358	i 887,685	d 1	i 20,484	d 1,646
Star .....	i 1,955	i 3	d 66,727	i 35	i 45,206	i None.	i 486	d 487
Total increase or decrease for British Companies .....	i 74,093	i 83	i 297,130	i 779	i 1,710,682	i 13	i 62,456	i 38,467

AMERICAN COMPANIES.

Ætna .....	£ 101,927	£ 275	£ 657,039	£ 1,003	£ 1,723,986	£ 51	£ 64,439	£ 54,114
Equitable... ..	£ 33,503	£ 24	£ 554,800	£ 227	£ 997,184	£ 10	£ 518	£ 31,982
Metropolitan .....	£ 2,688	£ 7	£ 26,000	£ 30	£ 87,500	£ 2	£ 2,000	£ 7,000
Travelers' .....	£ 13,067	£ 46	£ 120,509	£ 86	£ 258,357	£ 6	£ 11,569	£ 24,020
Union Mutual .....	£ 9,119	£ 119	£ 175,200	£ 266	£ 407,722	£ 3	£ 2,848	£ 24,766
6 United States.....	£ 301	£ 10	£ 19,000	£ 16	£ 41,290	£ 2	£ 3,510	£ 3,510
Total increase or decrease for American Companies...	£ 154,727	£ 467	£ 1,500,548	£ 1,581	£ 3,341,039	£ 36	£ 56,050	£ 30,144

RECAPITULATION.

8 Canadian Companies.....	£ 263,989	£ 1,630	£ 635,216	£ 4,008	£ 7,419,110	£ 42	£ 47,522	£ 18,498
11 British Companies .....	£ 74,093	£ 83	£ 297,130	£ 779	£ 1,710,582	£ 13	£ 62,456	£ 38,467
6 American Companies .....	£ 154,727	£ 467	£ 1,500,548	£ 1,581	£ 3,341,039	£ 36	£ 56,050	£ 30,144
25 Total increase or decrease.....	£ 492,809	£ 1,080	£ 2,432,894	£ 6,368	£ 12,470,731	£ 91	£ 166,028	£ 26,821

\* Formerly Mutual Life.

## PAYMENTS TO POLICY-HOLDERS.

Companies.	Death Claims.	Matured Endowments	Paid to Annuitants.	Paid for Surrendered Policies.	Dividends paid to Policy-Holders.	Total paid to Policy-Holders.	Net premium Income (including consideration for Annuities).
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Canadian Companies.</i>							
Canada Life .....	234,942 38	8,326 54	648 00	20,920 07	113,873 16	378,710 15	733,010 22
Citizens' .....	20,400 00	200 00	None.	2,447 10	194 70	23,241 80	40,227 08
Confederation .....	44,278 18	14,818 63	1,392 30	3,698 50	69,339 70	133,557 31	277,514 63
Federal .....	None.	None.	None.	None.	None.	None.	7,069 81
Life Ass'n of Canada,	10,454 80	7,750 00	None.	1,545 45	None.	19,750 25	44,853 79
North American .....	2,819 00	None.	None.	None.	None.	2,819 00	77,067 13
Ontario Mutual .....	27,431 18	1,000 00	None.	9,765 01	12,004 14	50,200 33	161,982 27
Sun .....	50,451 45	7,659 69	792 00	1,887 83	49,496 32	110,277 29	215,107 74
Toronto .....	10 00	1,000 00	None.	None.	None.	1,100 00	5,251 93
<b>Totals.....</b>	<b>390,876 99</b>	<b>40,784 86</b>	<b>2,822 30</b>	<b>40,263 96</b>	<b>244,908 02</b>	<b>719,656 13</b>	<b>1,562,084 60</b>
<i>British Companies.</i>							
Briton Life .....	None.	None.	None.	None.	None.	None.	2,884 89
Briton Medical .....	26,513 58	1,946 67	None.	87 84	None.	28,548 09	29,677 36
Commercial Union...	10,090 06	None.	None.	1,445 05	None.	11,535 11	20 681 63
Edinburgh .....	31,826 07	None.	None.	244 79	145 04	32,215 90	17,352 80
Life Association of Scotland .....	68,712 51	None.	140 88	3,575 01	None.	72,428 40	83,203 29
Lion Life .....	None.	None.	None.	None.	None.	None.	25,993 26
Liverpool and Lon- don and Globe.....	1,707 00	None.	363 00	989 69	None.	3,059 69	9,180 58
London & Lancashire	19,610 80	None.	None.	524 43	None.	20,135 23	103,146 67
London Assurance...	None.	None.	None.	None.	None.	None.	987 20
North British .....	42,450 59	400 00	None.	3,998 76	704 04	47,553 39	24,366 85
Queen .....	2,245 28	None.	None.	368 78	None.	2,614 06	10,389 94
Reliance .....	8,007 25	None.	None.	618 25	None.	8,625 50	17,265 06
Royal .....	20,145 42	973 34	714 28	2,146 53	None.	23,979 57	22,645 72
Scottish Amicable ...	21,922 62	None.	None.	19 46	49 17	21,991 25	15,258 70
Scottish Provident...	2,311 67	486 67	None.	None.	None.	2,798 34	4,871 72
Scottish Provincial...	20,869 61	973 33	None.	631 15	2,715 25	25,189 34	26,577 76
Standard .....	89,374 81	4,866 66	452 00	5,174 59	6,998 88	106,866 94	236,512 62
Star .....	None.	None.	None.	386 80	None.	386 80	23,324 08
<b>Totals.....</b>	<b>365,787 27</b>	<b>9,646 67</b>	<b>1,670 16</b>	<b>20,211 13</b>	<b>10,612 38</b>	<b>407,927 61</b>	<b>674,360 13</b>
<i>American Companies.</i>							
Ætna Life .....	79,090 27	75,774 00	None.	3,665 13	63,970 04	222,499 44	505,523 97
Connecticut .....	59,947 00	8,119 00	None.	None.	30,584 17	98,650 17	118,272 62
Equitable .....	38,603 00	17,000 00	650 00	49,648 66	18,420 69	124,322 35	253,868 42
Metropolitan .....	None.	None.	None.	3,223 55	3,841 60	7,765 15	22,993 18
National Life .....	2,176 00	4,500 00	None.	6,204 34	None.	12,890 34	9,356 85
New York .....	53,690 93	5,323 49	None.	107,106 04	8,318 03	174,438 49	94,139 02
North-Western .....	8,061 90	1,000 00	None.	1,054 97	8,774 20	18,890 17	27,491 67
Phoenix of Hartford.	24,257 00	13,435 00	None.	6,620 50	12,281 58	56,594 08	63,078 09
Travelers' .....	16,293 79	1,300 00	None.	5,403 00	None.	22,996 79	107,972 40
Union Mutual .....	40,335 76	19,509 65	None.	5,989 79	9,047 67	74,882 87	103,922 71
United States .....	2,000 00	2,510 00	None.	None.	430 62	4,940 62	1,539 21
<b>Totals.....</b>	<b>324,454 75</b>	<b>148,471 14</b>	<b>650 00</b>	<b>189,615 98</b>	<b>155,668 60</b>	<b>818,860 47</b>	<b>1,308,158 14</b>

## RECAPITULATION.

Canadian Companies	390,876 99	40,784 86	2,822 30	40,263 96	244,908 02	719,656 13	1,562,084 60
British Companies ...	365,787 27	9,646 67	1,670 16	20,211 13	10,612 38	407,927 61	674,360 13
American Companies	324,454 75	148,471 14	650 00	189,615 98	155,668 60	818,860 47	1,308,158 14
<b>Totals.....</b>	<b>1,081,119 01</b>	<b>198,902 67</b>	<b>5,142 46</b>	<b>260,091 07</b>	<b>411,189 00</b>	<b>1,946,444 21</b>	<b>3,544,602 87</b>

AMOUNTS of Life Insurance terminated in Natural Course or by Surrender and Lapse during the Year 1882.

	Amount terminated by				Total Surrender and Lapse.
	Death.	Maturity and Expiry.	Surrender.	Lapse.	
<i>Canadian Companies.</i>	\$	\$	\$	\$	\$
Canada Life .....	231,330	8,327	296,772	1,007,216	1,303,988
Citizens .....	23,174	200	35,038	151,394	186,432
Confederation .....	51,539	30,170	97,932	464,386	562,318
Federal .....	None.	None.	None.	None.	None.
Life Association of Canada .....	10,455	7,750	36,587	161,093	197,680
North American .....	{ General .....	None.	None.	149,450	149,450
	{ Industrial .....	None.	None.	99,433	99,433
Ontario Mutual .....	25,800	1,000	31,825	423,458	455,283
Sun .....	55,486	20,660	94,220	370,187	464,407
Toronto .....	500	1,000	1,100	82,500	83,600
Totals for 1882 .....	405,103	69,107	593,174	2,909,117	3,502,591
Totals for 1881 .....	363,478	175,310	570,366	2,625,347	3,195,713
Increase, <i>i</i> ; decrease, <i>d</i> .....	<i>i</i> 41,625	<i>d</i> 106,203	<i>i</i> 23,108	<i>i</i> 283,770	<i>i</i> 306,878
<i>British Companies.</i>					
British Life .....	None.	None.	1,678	4,000	5,678
Briton Medical .....	50,847	1,947	6,471	22,953	29,424
Commercial Union .....	9,782	None.	11,602	3,407	15,009
Edinburgh .....	21,657	None.	3,766	None.	3,766
Life Association of Scotland .....	76,893	1,460	37,932	18,888	56,820
Lion .....	None.	None.	None.	129,500	129,500
Liverpool and London and Globe .....	1,600	None.	9,406	3,100	12,506
London and Lancashire .....	36,844	None.	36,862	185,745	222,607
London Assurance .....	None.	None.	None.	None.	None.
North British .....	21,520	400	24,730	9,347	34,077
Queen .....	6,370	4,000	2,500	None.	2,500
Reliance .....	17,400	3,000	24,546	31,700	56,246
Royal .....	22,415	973	6,945	2,947	9,892
Scottish Amicable .....	61,139	None.	None.	1,460	1,460
Scottish Provident .....	2,677	487	None.	None.	None.
Scottish Provincial .....	13,910	973	5,247	None.	5,247
Standard Life .....	104,751	4,867	86,106	270,910	357,016
Star .....	973	None.	.....	.....	18,007
Totals for 1882 .....	448,778	18,107	.....	.....	959,755
Totals for 1881 .....	325,002	28,063	.....	.....	1,073,752
Increase, <i>i</i> ; decrease, <i>d</i> .....	<i>i</i> 123,776	<i>d</i> 9,956	.....	.....	<i>d</i> 113,997
<i>American Companies.</i>					
Ætna .....	93,007	81,207	99,382	409,334	508,716
Connecticut .....	42,306	8,119	.....	.....	84,688
Equitable .....	63,603	17,000	199,313	356,700	556,013
Metropolitan .....	7,000	None.	36,500	50,000	86,500
National .....	3,200	4,500	.....	.....	75,750
New York .....	74,511	3,259	.....	.....	245,390
North-Western .....	6,000	1,000	25,285	6,000	31,285
Phoenix Mutual .....	39,857	13,435	52,265	71,602	123,867
Travelers' .....	15,182	2,500	25,390	295,490	320,880
Union Mutual .....	47,903	55,509	23,337	210,485	233,822
United States .....	2,000	2,510	2,500	6,000	8,500
Totals for 1882 .....	394,569	189,039	.....	.....	2,275,391
Totals for 1881 .....	439,592	166,730	.....	.....	1,856,383
Increase, <i>i</i> ; decrease, <i>d</i> .....	<i>d</i> 45,023	<i>i</i> 22,309	.....	.....	<i>i</i> 419,008

## ABSTRACT of Accident Insurance in Canada for the Year 1882.

	Premiums of the year.	Number of Policies New and Renewed.	Amount of Policies New and Renewed.	Number of Policies in force at date.	Net amount in force at date.	Losses incurred during the year.	Claims paid.	UNSETTLED CLAIMS.	
								Not Resisted	Resisted
	\$		\$		\$		\$	\$	\$
* Accident .....	40,535	4,082	7,074,650	2,811	4,802,954	10,951	10,951	None.	None.
Citizens' .....	19,285	2,627	3,583,820	1,680	1,927,225	3,611	3,347	309	None.
London Guarantee and Accident .....	6,304	807	1,465,100	1,103	2,052,100	1,184	1,184	None.	None.
Sun .....	11,084	921	1,673,017	1,157	1,950,850	2,381	2,381	None.	None.
Travelers .....	25,550	1,981	4,823,600	.....	.....	.....	19,938	2,576	5,000
Totals .....	102,758	10,418	18,620,187	.....	.....	.....	37,801	2,885	5,000

\* Canadian business only.

## DOMINION SAFETY FUND LIFE ASSOCIATION.

Cash received for dues, assessments and payments to Safety Fund, \$12,816; certificates issued during the year, 668 — amount \$668,000; certificates in force at date, 1,267 — amount, \$1,267,000; certificates become claims during the year, 3 — amount, \$3,000; claims paid, \$3,000; claims unsettled, none.

List of Insurance Companies, Licensed to do business in Canada, under the Insurance Acts of 1875 and 1877, as at 12th July, 1883.

Name of Company.	Chief Agent to receive process.	Amount of Deposit with Receiver-General.		Description of Insurance business for which licensed.	
		Par Value.	Accepted Value.		
		\$	cts.	\$	cts.
The Accident Insurance Co. of North America .....	Edward Rawlings, Manager, Montreal.....	23,783	00	20,322	23
The Aetna Insurance Co. of Hartford, Connecticut.....	Robert Wood, General Agent, Montreal.....	100,000	00	97,700	00
The Aetna Life Insurance Co. of Hartford, Connecticut.....	Wm. H. Orr, Manager, Toronto.....	525,000	00	525,000	00
The Agricultural Insurance Co. of Watertown, N.Y. ....	Joseph Flynn, Chief Agent, Cobourg.....	100,000	00	100,000	00
The Anchor Insurance Co.....	Hugh Scott, Agent, Toronto.....	56,000	00	50,400	00
The Boiler Inspection and Insurance Co. of Canada.....	W. B. McMurrich, Agent, Toronto.....	10,900	00	10,900	00
The British Empire Mutual Life Ass. Co., London, Eng.	Fred. Stanchiffe, Chief Agent, Montreal.....	97,333	33	97,333	33
The British America Assurance Co., Toronto.....	Silas P. Wood, Secretary, Toronto.....	61,000	00	54,900	00
The Briton Life Association (Limited).....	J. B. M. Chipman, Chief Agent, Toronto.....	54,993	33	54,993	33
The Citizens' Life Assurance Co., Hamilton.....	A. G. Ramsay, Manager, Hamilton.....	60,000	00	54,000	00
The Citizens' Insurance Co. of Canada .....	Gerald E. Hart, Chief Agent, Montreal.....	55,840	00	50,256	00
The City of London Fire Insurance Co. (Limited), Eng...	Gerald E. Hart, Chief Agent, Montreal.....	56,000	00	50,400	01
The Commercial Union Assurance Co. of London, Eng...	W. E. Oswald, Chief Agent, Montreal.....	102,200	00	102,200	00
The Confederation Life Association of Canada.....	Fred. Cole, General Agent, Montreal.....	213,646	66	213,646	66
The Dominion Safety Fund Life Association.....	J. De Wolfe Spurr, St. John, N.B.....	86,070	00	77,463	00
The Equitable Life Ass. Soc. of the United States, N.Y. ....	R. W. Gate, Manager, Montreal.....	50,000	00	50,000	00
The Federal Life Assurance Co. of Ontario.....	David Dexter, Managing Director, Hamilton.....	165,000	00	165,000	00
The Fire Insurance Association (Limited), London, Eng.	Wm. Robertson, Chief Agent, Montreal.....	51,100	00	50,000	00
The Guarantee Co. of North America.....	Edward Rawlings, Manager, Montreal.....	100,000	00	100,000	00
The Guardian Fire and Life Ass. Co., London, Eng.....	Robert Simms & Co., and Geo. Denholm.....	57,133	00	51,323	00
The Hartford Fire Ins. Co., Hartford, Conn.....	General Agents, Montreal.....	94,900	00	94,900	00
The Imperial Insurance Co. of London, Eng.....	Robt Wood, General Agent, Montreal.....	80,420	00	100,000	00
The Lancashire Insurance Company .....	W. H. Rintoul, Agent, Montreal.....	100,253	34	100,253	34
The Life Association of Canada.....	S. C. Duncaen-Clark, Chief Agent, Toronto...	100,000	00	100,000	00
The Liverpool and London and Globe Ins. Co.....	J. Turner, President, Hamilton.....	105,860	92	95,274	84
The London Assurance Corporation, Eng.....	G. F. C. Smith, Chief Agent, Montreal.....	168,500	00	161,200	00
The London Guarantee and Accident Co. (Limited).....	A. T. Foster, Agent, Montreal.....	167,000	00	150,300	00
The London and Lancashire Fire Ins. Co., Liverpool....	C. C. McCord, Chief Agent, Toronto.....	53,533	33	53,533	33
The London and Lancashire Life Ass. Co.....	F. A. Ball, Chief Agent, Toronto.....	102,200	00	102,200	00
The London Mutual Fire Ins. Co. of Canada, London, O...	William Robertson, Manager, Montreal.....	118,565	67	109,822	21
The Metropolitan Life Ins. Co. of New York.....	D. C. Macdonald, Secretary, Montreal.....	30,000	00	30,000	00
The National Assurance Co. of Ireland.....	Thos. A. Temple, Gen'l Agent, St. John, N.B.	100,000	00	100,000	00
	Hugh Scott, Toronto, or L. H. Boulé, Montreal	100,160	80	100,160	80

List of Insurance Companies Licensed to do business in Canada under the Insurance Acts of 1875 and 1877, &c.—*Con.*

Name of Company.	Chief Agent to receive process.	Amount of Deposit with Receiver-General.		Description of Insurance business for which licensed.
		Par Value.	Accepted Value.	
		\$	cts.	
The New York Life Insurance Co.....	F. W. Campbell, M. D., Attorney, Montreal.	100,000	00	Life.
The North American Life Assurance Co.....	Wm. McCabe, Managing Director, Toronto.	50,000	00	Life.
The North British and Mercantile Insurance Co.....	Macdougall & Davidson, General Agents, Montreal.	170,000	00	Fire and Life.
The Northern Assurance Co. of Aberdeen and London.....	Taylor, Bros. General Agents, Montreal.....	100,000	06	Fire.
The Norwich and London Accident Ins. Asso.....	Alex. Dixon, General Agent, Toronto.....	58,400	00	Accident.
The Norwich Union Fire Ins. So., Norwich, Eng.....	Alex. Dixon, Agent, Toronto.....	100,000	00	Fire.
The Ontario Mutual Life Assurance Co.....	Wm. Hendry, Manager, Waterloo.....	55,917	00	Life.
The Phenix Insurance Co. of Brooklyn.....	R-berth Hampson, Agent, Montreal.....	100,000	00	Fire and Inland Marine.
The Phoenix Fire Assurance Co., London, Eng.....	Gillespie, Moffatt & Co., Gen'l Agents, Montreal.....	107,626	00	Fire.
The Quebec Fire Assurance Co.....	J. G. Clapham, President, Quebec.....	75,500	00	Fire.
The Queen Fire and Life Insurance Co. Eng.....	A. M. Forbes, & H. J. Mudge, Chief Agents, Montreal.....	148,433	33	Fire and Life.
The Reliance Mutual Life Ass. Soc., London, Eng.....	J. Cassie Hatton, Attorney, Montreal.....	110,276	96	Life.
The Royal Canadian Insurance Co.....	Arthur Gagnon, Secretary, Montreal.....	56,000	00	Fire and Inland Marine.
The Royal Insurance Co.....	M. H. Gault & Wm. Tatley, Chief Agents, Montreal.....	110,276	96	Life.
The Scottish Imperial Insurance Co.....	Taylor Bros. General Agents, Montreal.....	564,533	00	Fire and Life.
The Scottish Union and National Insurance Co.....	Kavanagh & Bossé, Agents, Montreal.....	108,500	00	Fire.
The Sovereign Fire Insurance Co. of Canada.....	111,185	00	00	Fire.
The Standard Life Assurance Co., Scotland.....	Hon. Alex. Mackenzie, President, Toronto.....	100,159	00	Fire.
The Star Life Assurance So. of Eng.....	W. M. Ramsay, Manager, Montreal.....	171,000	00	Life.
The Sun Life Assurance Co. of Canada.....	A. W. Lauder, General Treasurer, Toronto.....	97,333	33	Life.
The Toronto Life Assurance and Tontine Co.....	R. Macaulay, Sec. and Manager, Montreal.....	58,000	00	Life and Accident.
The Travelers Insurance Co. of Hartford, Conn.....	Arthur Harvey, Manager, Toronto.....	34,735	00	Life and Accident.
The Union Mutual Life Insurance Co. of Maine.....	Chas. F. Russell, Chief Agent, Toronto.....	145,000	00	Life and Accident.
The United States Life Insurance Co.....	Wm. Mulock, Agent, Toronto.....	150,000	00	Life.
The Western Assurance Co. Toronto.....	Thos. A. Temple, Attorney, St. John, N.B.....	100,000	00	Life.
	J. J. Kenny, Managing Director, Toronto.....	51,700	00	Fire and Inland Marine.



The following Life Insurance Companies having ceased to transact new business in Canada, are entitled, under Section 17 of the Consolidated Insurance Act of 1877, to transact all business connected with policies existing at 31st March, 1878, and their deposits are applicable to those policies, subject to the provisions of the Insurance Acts of 1838 and 1871.

Name of the Company.	Chief Agent to Receive Process.	Amount of Deposit with Receiver-General.		Business.
		Par Value,	Accepted Value.	
		\$ cts.	\$ cts.	
The Briton Medical and General Life Ass'n, London, Eng.	Jas. B. M. Chipman, Manager, Montreal.	103,369 62	103,369 62	Life.
The Connecticut Mutual Life Ins. Co. of Hartford, Conn.	Robt Wood, General Agent, Montreal.	100,000 00	100,000 00	Life.
The Edinburgh Life Assurance Company.	David Higgins, Chief Agent, Toronto.	161,668 67	150,366 67	Life.
The Life Association of Scotland.	George W. Ford, Chief Agent, Montreal.	154,760 00	148,893 33	Life.
The National Life Insurance Company of the U. S. of A.	John F. Bell, Attorney, Windsor.	100,000 00	100,000 00	Life.
The North-Western Mutual Life Ins. Co. of Milwaukee.	M. W. Mills, Chief Agent, Toronto.	100,000 00	105,000 00	Life.
The Phoenix Mutual Life Insurance Co., Hartford, Conn.	T. Simpson, General Agent, Montreal.	2,433 33	2,433 33	Life.
The Positive Gov. Security Life Assu. Co. (Limited), Eng.	John Taylor, Secretary, Montreal.	228,686 63	157,582 27	Life.
The Scottish Amicable Life Assurance Society.	Geo. Wm. Ford, General Agent, Montreal.	100,000 00	90,000 00	Life.
The Scottish Provident Institution.	R. A. Ramsay, Attorney, Montreal.	147,789 00	147,789 00	Life.
The Scottish Provincial Assurance Company.	Geo. Wm. Ford, Secretary, Montreal.			

NOTE.—The Metropolitan Plate Glass Insurance Co. of New York has ceased doing business in Canada, and the Receiver-General still holds the deposit of \$5,000.  
 The Dominion Fire and Marine Insurance Company has retired from business and has reinsured its outstanding policies in the "Fire Insurance Association," the deposit has been released, except \$5,000 held against claims in dispute.  
 The Citizens' Insurance Company of Canada has discontinued its Guarantee business, and has reinsured its outstanding policies in the Guarantee Company of North America. The deposit on account of this branch is \$10,000 cash still in the hands of the Receiver-General.  
 The Canada Fire and Marine Insurance Company has reinsured its outstanding policies in the "Citizens' Insurance Company," and is winding up its affairs, the Government still holding \$10,000 of its deposit.  
 The Lion Life Insurance Co. of London has not applied for renewal of its license, being about to transfer its business to the "British Empire Life Assurance Co.," the deposit of the "Lion," £10,000 sterling, Canada Stock, is still held by the Receiver-General.

J. B. CHERRIMAN,  
*Superintendent of Insurance.*

OFFICE OF THE SUPERINTENDENT OF INSURANCE,  
 OTTAWA, 12th July, 1883.

STATEMENTS

MADE BY

FIRE AND INLAND MARINE

INSURANCE COMPANIES

IN COMPLIANCE WITH THE INSURANCE ACTS OF 1875 AND 1877.

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## LIST OF COMPANIES

DULY LICENSED FOR THE TRANSACTION OF **FIRE INSURANCE**  
 BUSINESS IN THE DOMINION, FOR THE YEAR ENDED  
 31st DECEMBER, 1882.

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The Aetna Insurance Company of Hartford, Conn.  
 The Agricultural Insurance Company of Watertown, N.Y.  
 The British America Assurance Company, Toronto.  
 The Citizens' Insurance Company of Canada.  
 The City of London Fire Insurance Company.  
 The Commercial Union Assurance Company of London, England.  
 The Fire Insurance Association (Limited), London, England.  
 The Guardian Fire and Life Assurance Company, London, England.  
 The Hartford Fire Insurance Company, Hartford, Conn.  
 The Imperial Insurance Company of London, England.  
 The Lancashire Insurance Company.  
 The Liverpool and London and Globe Insurance Company.  
 The London and Lancashire Fire Insurance Company.  
 The London Assurance Corporation.  
 The London Mutual Fire Insurance Company of Canada, London, Ont.  
 The North British and Mercantile Insurance Company.  
 The Northorn Assurance Company of Aberdeen and London.  
 The Norwich Union Fire Insurance Society.  
 The Phenix Insurance Company of Brooklyn.  
 The Phoenix Fire Assurance Company, London, England.  
 The Quebec Fire Assurance Company.  
 The Queen Fire and Life Insurance Company, England.  
 The Royal Canadian Insurance Company.  
 The Royal Insurance Company of England.  
 The Scottish Imperial Insurance Company.  
 The Scottish Union and National Insurance Company.  
 The Sovereign Fire Insurance Company of Canada.  
 The Western Assurance Company, Toronto.

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## LIST OF COMPANIES

DULY LICENSED FOR THE TRANSACTION OF **INLAND MARINE**  
 INSURANCE BUSINESS IN THE DOMINION, FOR THE YEAR  
 ENDED 31st DECEMBER, 1882.

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The Aetna Insurance Company of Hartford, Conn.  
 The Anchor Insurance Company, Toronto.  
 The British America Assurance Company, Toronto.  
 The Citizens' Insurance Company of Canada.  
 The Phenix Insurance Company of Brooklyn.  
 The Royal Canadian Insurance Company, Montreal.  
 The Western Assurance Company, Toronto.



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**THE ÆTNA INSURANCE COMPANY, HARTFORD CONN., U.S.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—LUCIUS J. HENDEE, | *Secretary*—JOTHAM GOODNOW.  
*Principal Office*—Hartford, Conn. Incorporated, June, 1819.  
*Head Office in Canada*—Montreal. | *Chief Agent*—ROBT. WOOD.  
 (Commenced business in Canada, 1821.)

## CAPITAL.

Amount of capital authorized..... \$5,000,000 00  
 do subscribed for and paid up in cash..... 4,000,000 00

## ASSETS IN CANADA.

Stocks, Bonds, &amp;c., held by the Company, viz. :—

	Par value.	Market value.
Montreal Corporation Stock .....	\$13,000 00	\$13,650 00
do bonds .....	10,600 00	10,300 00
United States 4 per cent. bonds .....	22,000 00	26,455 00
do 4½ do .....	55,000 00	62,150 00

Total par and market value..... \$100,000 00    \$112,555 60

Carried out at market value..... \$112,555 00

All the above being in deposit with the Receiver-General.

Cash in Bank of Montreal, at Ottawa ..... 3,777 48  
 Agents' balances..... 10,194 78

Total assets in Canada..... \$126,527 26

## LIABILITIES IN CANADA.

Net amount of fire losses claimed or reported, but not adjusted..... \$7,470 00

Total net amount of unsettled claims for fire losses in Canada.... \$ 7,470 00

Reserve of unearned premiums for all outstanding fire risks in Canada. 35,604 42

Total liabilities in Canada..... \$43,074 42

## INCOME IN CANADA.

*For Fire Risks in Canada.*

Gross Cash received for premiums..... \$124,120 90  
 Deduct re-insurance, rebate, abatement and return premiums..... 18,549 74

Net cash received for said premiums..... \$105,571 16

*For Inland Marine Risks in Canada.*

Gross cash received for premiums..... \$9,840 88

Total net cash received for premiums in Canada ..... \$115,412 04

Received for interest and dividends..... 4,819 77

Total cash income in Canada..... \$120,231 81

ÆTNA—Continued.

## EXPENDITURE IN CANADA.

*For Fire Risks in Canada*

Paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$10,570) .....	\$12,608 05
Paid for fire losses occurring during the year .....	69,555 63
<b>Total net amount paid during the year for fire losses ...</b>	<b>\$82,163 68</b>

*Inland Marine Risks in Canada.*

Amount paid for inland marine losses occurring during the year.....	1,053 12
<b>Total net amount paid during the year for fire and inland marine losses</b>	<b>\$83,216 80</b>
Paid for commission or brokerage in Canada.....	15,321 16
do taxes in Canada .....	619 09
do general expenses.....	1,639 05
<b>Total cash expenditure in Canada.....</b>	<b>\$100,796 10</b>

## RISKS AND PREMIUMS.

*Fire Risks in Canada.*

	Amount.	Premiums.
Gross policies in force at date of last statement.....	\$ 8,407,215	\$ 85,825 78
Taken during the year, new and renewed .....	12,757,609	124,120 90
<b>Total .....</b>	<b>\$21,164,824</b>	<b>\$209,946 68</b>
Deduct terminated.....	12,677,674	123,763 51
<b>Gross in force at end of year.....</b>	<b>\$ 8,487,150</b>	<b>\$ 86,183 17</b>
Deduct re-insured .....	1,191,300	14,807 67
<b>Net in force at 31st December, 1882 .....</b>	<b>\$ 7,295,850</b>	<b>\$ 71,375 50</b>

*Inland Marine Risks in Canada.*

Taken during the year.....	\$1,808,461	\$90,840 88
Terminated.....	1,808,461	90,840 88

Total number of policies in force in Canada at date (no return).

Total net amount in force.....	\$7,295,850 00
Total premiums thereon .....	71,375 50

Subscribed and sworn to, 10th January, 1883, by

ROBERT WOOD.

(Received, 11th January, 1883.)

## GENERAL STATEMENT, 31st DECEMBER, 1882.

## ASSETS.

Real estate, unincumbered.....	\$ 358,000 00
Cash on hand and in bank.....	940,730 25
Cash in hands of Agents and in transit.....	332,970 24
Loans on bond and mortgage.....	46,727 00
Loans on collaterals .....	24,290 00
Stocks and bonds, market value.....	7,350,516 72
Accrued interest.....	1,376 37
<b>Total assets ...</b>	<b>\$9,054,610 58</b>

ÆTNA—Concluded.

## LIABILITIES.

Losses adjusted and not due.....	\$ 55,077 10
Losses unadjusted, in suspense, waiting for further proof.....	168,894 79
All other claims against the Company for return premiums, commissions, &c.....	54,289 37
Amount of unearned premiums.....	1,098,349 85
Total liabilities.....	<u>\$1,376,611 11</u>

Subscribed and sworn to, by

LUCIUS J. HENDEE,  
*President.*  
 JOTHAM GOODNOW,  
*Secretary.*

HARTFORD, 1st January, 1883.



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**THE AGRICULTURAL INSURANCE COMPANY OF WATERTOWN, N.Y.**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—ISAAC MUNSON.

Secretary—H. M. STEVENS.

Principal Office—Watertown, N.Y.

Agent in Canada—JOSEPH FLYNN.

Head Office in Canada—Cobourg, Ont.

Organized or incorporated, 1853; commenced business in Canada, Oct. 1, 1878, by taking over the outstanding risks of the Canada Agricultural Insurance Company, Insolvent.

CAPITAL.

Amount of capital authorized, subscribed for, and paid up in cash..... \$300,000 00

ASSETS IN CANADA.

Real estate.....	\$ 900 00
United States Registered 4 per cent. bonds in deposit with Receiver-General—par value, \$100,000; market value.....	119,500 00
Agents' balances.....	6,567 52
Bills receivable.....	6,259 90
(Amount of same overdue, \$3,957.24.)	

Total assets in Canada..... \$133,227 42

LIABILITIES IN CANADA.

Net amount of losses in Canada adjusted but not due.....	\$900 00
Total net amount of unsettled claims for fire losses in Canada.....	900 00
Reserve of unearned premiums for all outstanding risks in Canada.....	73,221 19
Total liabilities in Canada.....	<u>\$74,121 19</u>

INCOME IN CANADA.

Gross cash received for premiums .....	\$53,683 34
Deduct re-insurance, rebate, abatement and return-premiums .....	1,798 02
Total net cash received for premiums.....	\$51,885 32
Received for interest on stocks.....	68 42
Total income in Canada.....	<u>\$51,953 74</u>

EXPENDITURE IN CANADA.

Net amount paid for losses occurring in previous years (which losses were estimated in last statement at \$960.00), .....	\$ 827 00
Net amount paid for losses occurring during the year.....	19,443 79
Net amount paid during the year for losses.....	\$20,270 79
Commission or brokerage.....	8,052 50
Salaries, fees and all other charges of officials in Canada.....	5,530 42
All other expenditure, viz.:—Postage, \$932.90; profit and loss, \$2,191.24; advertising, \$148.80.....	3,272 94
Total expenditure in Canada.....	<u>\$37,126 65</u>

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**AGRICULTURAL—Continued.**
**RISKS AND PREMIUMS.**

	Amount.	Premiums.
Gross policies in force at date of last statement.....	\$12,367,771	\$126,148 41
Taken during the year (new).....	5,057,353	50,040 18
Total.....	<u>\$17,425,124</u>	<u>\$176,188 59</u>
Deduct terminated.....	3,217,020	30,966 96
Gross and Net in force at 31st December, 1882.....	<u>\$14,208,104</u>	<u>\$145,221 63</u>

Total number of policies in force in Canada at date. (No return.)

Total net amount in force.....\$14,208,104 00

Total premiums thereon..... 145,221 63

Subscribed and sworn to, 28th February, 1883, by

J. FLYNN.

(Received, 1st March, 1883.)

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**GENERAL STATEMENT FOR YEAR ENDING 31st DECEMBER, 1882.**

(As returned to the Superintendent of Insurance, State of New York.)

**ASSETS.**

Real estate.....	\$169,896 36
Loans on bond and mortgage.....	713,631 56
do do (first lien) upon which more than one year's interest is due.....	22,730 77
Interest due and accrued on said bond and mortgage loans.....	18,355 81
Stocks and bonds held by the Company—par value, \$338,500; market value.....	382,682 50
Interest due and accrued on above stocks and bonds.....	4,237 50
Loans on collateral security of stock, &c., of par value \$23,318; market value \$23,563; amount loaned.....	19,123 85
Interest due and accrued thereon.....	2,745 00
Cash on hand and in banks.....	102,053 40
Gross premiums in course of collection.....	91,997 88
Bills receivable.....	16,039 20
Rents due and accrued.....	375 00
Total.....	<u>\$1,543,868 83</u>
Excess deposit in Canada over liabilities.....	22,240 00
Total assets.....	<u>\$1,521,628 83</u>

**LIABILITIES.**

Net amount of unpaid losses.....	\$ 30,004 02
Unearned premiums.....	941,471 00
Total liabilities, except capital stock.....	<u>\$971,475 02</u>
Capital stock paid up in cash.....	\$300,000 00
Surplus beyond liabilities and capital stock.....	<u>250,153 81</u>

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 AGRICULTURAL—*Concluded.*

## INCOME.

Net cash received for premiums .....	\$660,711 11
Received for interest and dividends.....	63,450 19
do rents.....	5,017 00
	<u>\$729,178 30</u>

## EXPENDITURE.

Net amount paid for losses.....	\$236,506 96
Dividends paid stockholders.....	30,102 00
Commission or brokerage.....	143,010 86
Salaries, fees, &c. ....	87,910 12
Taxes.....	12,878 47
Miscellaneous.....	60,952 99
	<u>\$571,361 40</u>

## RISKS AND PREMIUMS.

Amount of policies taken during the year.....	\$81,554,749 00
Premiums thereon.....	693,320 98
Net amount in force at end of year.....	201,986,421 00
Premiums thereon.....	<u>1,746,223 30</u>

ISAAC MUNSON,

*President.*

H. M. STEVENS,

*Secretary.*

THE ANCHOR INSURANCE COMPANY.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—Hon. Sir W. P. HOWLAND, K.C.M.G. | Secretary and Agent—HUGH SCOTT.  
Principal Office—Church Street, Toronto.

(Incorporated, 35 Vic., Cap. 103. 11th June, 1873. Commenced business in Canada,  
31st March, 1874.)

CAPITAL.

Amount of joint stock capital authorized.....	\$500,000 00
Amount subscribed for.....	478,100 00
Amount paid up in cash.....	125,710 00
(For List of Stockholders, see Appendix.)	

ASSETS.

Loans secured by bonds and mortgages, on which not more than one year's interest is due, constituting a first lien on real estate.....	\$ 500 00
Loans as above for which judgments have been obtained.....	6,175 65

*Stocks and Bonds held by the Company.*

	Par Value.	Market Value.	
* Cobourg Debentures.....	\$ 5,000 00	\$ 5,400 00	
* Milton do.....	5,000 00	5,150 00	
* Streetsville do.....	2,000 00	2,060 00	
* St. Thomas do.....	5,000 00	5,150 00	
* Port Hope do.....	19,000 00	19,570 00	
* Orangeville do.....	20,000 00	20,600 00	
Dominion Telegraph, 20 shares of \$50.....	1,000 00	750 00	
<b>Total par and market value.....</b>	<b>\$57,000 00</b>	<b>\$58,680 00</b>	
Carried out at market value.....			58,680 00
Cash in Ontario Bank.....			11,976 50
Interest accrued and unpaid on stocks.....			1,175 00
Agents' balances.....			7,660 06
Bills receivable.....			12,865 45
Amount of same overdue \$5,389.30.			
Unpaid calls on stock.....			17,720 00
Other assets :—			
Sundry debtors.....		\$ 3,264 57	
Salvage claims.....		3,041 06	
Due from other companies for re-insurance.....		3,494 56	
		<u>9,800 19</u>	
<b>Total assets.....</b>			<b>\$126,552 85</b>

LIABILITIES.

Net amount of losses claimed but not adjusted :—	
Inland Marine (accrued previous to 1882).....	\$1,501 04

<sup>1</sup> Deposited with Receiver-General.

## ANCHOR—Continued.

## Net amount of losses resisted:—

In suit—Ocean (accrued in previous years).....	\$15,927 73
Not in suit—Ocean (accrued in previous years).....	4,585 20
	<u>\$20,512 93</u>

Total net amount of unsettled claims for losses in Canada.....	\$22,013 97
Reserve of unearned premiums for all outstanding risks in Canada, inland marine .....	153 75
Due for Directors' fees. ....	95 00
Cash advanced.....	1,693 26

## Other liabilities namely:—

Sundry creditors .....	\$ 341 04
Amounts due to other Companies.....	978 61
Salvage claims.....	3,334 87
Returnable premiums.....	1,331 38
Rent of Office .....	750 00

Total..... 6,735 90

Total liabilities, excluding capital stock..... \$30,691 88

Capital stock paid up in cash.. .....	\$125,710 00
Unpaid calls on stock.....	17,720 00

Total..... \$143,430 00

## INCOME.

*For Inland Marine Risks.*

Gross premiums received in cash .....	\$33,605 62
Gross cash received on bills or notes taken for premiums.....	3,478 00

Gross cash received for premiums.....	\$37,083 62
Deduct re-insurance, rebate, abatement and return premiums.. .....	7,156 03

Net cash for said premiums..... \$29,927 59

Total net cash received for premiums.....	\$29,927 59
Received for interest on bonds, mortgages, stocks, &c.....	4,188 38
Received on account of Bills receivable of 1881.....	1,846 42
do do Salvage claims.....	334 53

Total..... \$36,296 92

Received for calls on capital..... 8,150 00

Total cash income..... \$44,446 92

## EXPENDITURE.

*For Inland Marine Risks.*

Paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$321.60).....	\$2,411 22
---	------------

Paid for losses occurring during the year.....	\$9,796 54
Less savings and salvage.....	\$400 00
Less amount received for re-insurances.....	2,389 98

Total deductions..... \$2,789 98

Net amount paid for said losses..... \$7,006 56

## ANCHOR—Continued.

Total net amount paid during the year for inland marine losses.....	\$9,417 78
do do do ocean do .....	4,906 21
(All incurred in previous years.)	
Paid or allowed for commission or brokerage.....	3,513 29
All other expenditure, viz.:—Charges, \$964.96; Telegraphing, \$113.80; Exchange, &c., \$2.64; Compensation to C. E. L. Jarvis, \$600; Return premiums, \$93.37; Adjusting, \$70.29; E. E. Wendt, \$109.29; Costs, \$67.44.....	2,021 79
Total cash expenditure.....	<u>\$19,859 07</u>

## CASH ACCOUNT.

Dr.		Or.	
1881.		1881.	
Dec. 31. To Balance in hand and in banks at this date.....	Nil.	Dec. 31. By Balance due Bank.....	2 11
1882.		1882	
Dec. 31. To Income as above. ....	\$44,446 92	Dec. 31. By Expenditure during year as above.....	\$19,859 07
received from Realisa- tion of Investments. ....	500 00	Loan Account—Borrowed money returned.....	32,953 55
Loan Account—Bor- rowed during year... ..	2,448 49	Sundry other payments.....	1,270 62
Received from Pool Companies.....	18662, 44	Balance in hand and in Bank this date.....	11,976 50
	<u>\$66,063 85</u>		<u>\$66,063 85</u>

## RISKS AND PREMIUMS.

*Inland Marine Risks.*

	No	Amount.	Premiums.
Policies in force at date of last statement .....	5	\$21,635	\$1,153 57
Taken during the year.....	752	2,597,784	28,085 52
Total.....	757	2,619,419	29,239 09
Deduct Terminated.....	755	2,613,919	28,921 59
*Gross and net in force, 31st December, 1882.....	<u>2</u>	<u>5,500</u>	<u>317 50</u>

Total number of policies in force at date..... 2  
 Total net amount in force..... \$5,500 00  
 Total premiums thereon..... 317 50

Subscribed and sworn to, 14th March, 1883, by

WM. P. HOWLAND,

*President.*

HUGH SCOTT,

*Secretary,*

(Received, 16th March, 1883.)

THE BRITISH AMERICA ASSURANCE COMPANY.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Governor—JOHN MORISON.

Secretary—SILAS P. WOOD.

Principal Office—Toronto.

(Organized and commenced business in Canada, 1833.)

CAPITAL.

Amount of joint stock capital authorized, subscribed for and paid up in cash..... \$500,000 00

(For List of Stockholders, see Appendix.)

ASSETS.

Value of real estate (less encumbrances) held by the Company, viz. :—  
 Company's premises, corner of Front and Scott streets, Toronto, occupied as warehouses and offices ..... 90,000 00  
 Loans secured by bonds and mortgages, on which not more than one year's interest is due, constituting a first lien on real estate ... 3,637 50  
 Interest due and unpaid on said loans..... 140 81

Stocks and bonds held by the Company :—

*\* Deposited with United States Government.*

	Par Value.	Market Value.
United States Bonds .....	\$485,000 00	\$602,635 00
Deposit, State of Mississippi .....	15,000 00	15,000 00
Deposit with Company's Trustees in New York.....	150,000 00	150,000 00
	\$650,000 00	\$767,635 00

*Deposited with Dominion Government.*

City of Toronto Debentures.....	\$11,000 00	\$11,660 00
Village of Port Perry Debentures .....	17,000 00	17,000 00
Town of Owen Sound do .....	10,000 00	10,500 00
City of Hamilton do .....	6,000 00	6,600 00
County of Carleton do .....	1,000 00	1,090 00
do Leeds and Grenville Debentures.....	15,000 00	15,900 00
Village of Yorkville .....	1,000 00	1,030 00
	\$61,000 00	\$63,780 00

\* Certificates of deposit held by the different Commissioners in the United States :—

1. California U.S. Government Bonds.....	\$100,000
2. New York do do .....	225,000
3. Georgia do do .....	25,000
4. Virginia do do .....	25,000
5. Ohio do do .....	100,000
6. Mississippi do do .....	\$10,000
do In Currency.....	15,000
	25,000
7 Held by New York Trustees—Cash.....	150,000
	\$650,000

## BRITISH AMERICA—Continued.

*Held by Company.*

City of Hamilton Debentures .....	\$ 540 00	\$ 594 00
Federal Bank .....	4,200 00	6,415 50
Bank of Hamilton Stock .....	3,500 00	4,050 00
Canada Permanent Loan and Savings Company Stock .....	10,000 00	23,000 00
Farmers' Loan and Savings Company Stock .....	1,660 00	2,091 60
Freehold do do .....	15,120 00	25,704 00
Imperial do do .....	5,000 00	5,300 00
Western Canada do do .....	6,200 00	11,780 00
Ontario Loan and Debenture Company Stock .....	5,000 00	6,150 00
Canada Landed Credit do .....	2,820 00	3,384 00
Huron and Erie Loan and Savings do .....	29,000 00	45,240 00
Dominion Savings and Investment Society Stock .....	10,000 00	12,000 00
	<u>\$93,040 00</u>	<u>\$145,684 10</u>

*Recapitulation.*

Deposited with the United States Government.....	\$650,000 00	\$787,635 00
do Dominion do .....	61,000 00	63,780 00
Held by Company .....	93,040 00	145,684 10
Total par and market value.....	<u>\$804,040 00</u>	<u>\$977,099 10</u>

Carried out at market value.....	\$977,099 10
Cash on hand at head office.....	35,813 31

## Cash in banks, namely:—

Canadian Bank of Commerce, New York .....	\$1,239 20
do do Toronto.....	1,838 11
Bank of Montreal, St. John, N.B .....	62 28

Total.....	3,139 59
Interest due and unpaid on stock.....	600 00
Interest accrued and unpaid on stock.....	802 30
Agents' balances.....	73,746 53
Bills receivable.....	4,857 36
(Amount of same overdue.....)	\$3,942 36)

## Sundry, viz.:—

Office furniture.....	\$8,419 41
Rents due and accrued.....	783 33
	<u>9,202 74</u>

Gross assets.....	\$1,199,039 24
Amount which should be deducted from above on account of bad or doubtful bills receivable, \$3,942.36; agents' balance, \$4,142.81....	8,085 17
Total assets.....	<u>\$1,190,954 07</u>

## LIABILITIES.

1. *Liabilities in Canada.*

## Net amount of losses reported or supposed, but not claimed:—

Fire.....	\$12,107 33
Inland Marine (of which \$1,144.53 accrued prior to 1882).....	5,508 28
Ocean (of which \$3,833 33 accrued prior to 1882).....	4,333 33

Total amount of unsettled claims for losses in Canada.....	\$21,943 94
--	-------------



## BRITISH AMERICA—Continued.

Reserve of unearned premiums for all outstanding risks in Canada, viz. :—

Fire.....	\$76,581 62
Inland Marine.....	22 50
Ocean.....	3,143 28

Total reserve of unearned premiums for risks in Canada.....	79,747 40
Dividends declared and due, but unpaid.....	2,185 33
do but not yet due.....	25,000 00
Due various Companies for re-assurance.....	5,613 88
Claims for losses due re-assurers.....	910 89

Total liabilities, excluding capital stock, in Canada..... \$135,406 44

## 2. Liabilities in other Countries.

Net amount of losses reported or supposed, but not claimed :—

Fire (of which \$5,322.00 accrued prior to 1892).....	\$123,562 00
Inland Marine.....	3,896 05

Net amount of losses resisted and in suit—Fire .....	\$127,458 05
	2,500 00

Total net amount of unsettled claims for losses in other countries..... 129,953 05

Reserve of unearned premiums, viz. :—

Fire.....	\$303,263 99
Inland Marine.....	5,532 88

Total..... 308,796 87

Due and accrued for salaries, rent, agency and other miscellaneous expenses..... 728 01

Fire re-assurances..... 2,407 83

Total liabilities in other countries..... \$441,890 76

Total liabilities (excluding capital stock) in all countries..... \$557,297 20

Capital stock paid up..... 500,000 00

Surplus beyond all liabilities and paid-up capital stock..... 113,656 87

## INCOME.

	In Canada. \$ cts.	In other Countries. \$ cts.
<i>For Fire Risks.</i>		
Gross premiums received in cash.....	168,075 84	713,746 27
Gross cash received on bills and notes taken for premiums.....	1,112 50	.....
Gross cash received for premiums.....	169,188 34	713,746 27
Deduct re-insurance, rebate, abatement and return premiums.....	41,237 43	102,742 14
Net cash received for fire premiums.....	<u>127,950 91</u>	<u>621,004 13</u>
<i>For Inland Marine Risks.</i>		
Gross premiums received in cash.....	22,842 43	34,434 42
Gross cash received on bills and notes taken for premiums.....	.....	4,515 25
Gross cash received for premiums.....	22,842 43	38,949 67
Deduct re-insurance, &c.....	6,771 15	5,145 74
Net cash received for inland marine premiums.....	<u>16,071 23</u>	<u>33,803 93</u>

## BRITISH AMERICA—Continued.

*For Ocean Risks.*

Gross premiums received in cash.....	12,706	97	
Gross cash received on bills and notes taken for premiums.....	1,937	98	
Gross cash received for premiums.....	14,644	95	
Deduct re-insurance, &c.....	1,966	55	
Net cash received for ocean premiums.....	12,678	40	
Bills and notes receiving during the year for ocean premiums and remaining unpaid, \$915.00			
Total net cash received for premiums.....	156,700	59	644,808 06
Total net cash received for premiums in all countries.....			\$801,508 65
Received for interest on bonds and mortgages.....			1,034 40
do do and dividends on stock and all other sources....			54,293 85
Rents.....			2,636 79
Total cash income.....			<u>\$859,473 69</u>

## EXPENDITURE.

*For Fire Risks.*

	In Canada.	In other
	\$ cts.	Countries.
		\$ cts.
Paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$148,502 97).....	11,181 02	128,435 70
Paid for losses occurring during the year.....	73,294 52	391,132 23
Deduct savings and salvage.....	4,130 51	
Deduct re-insurance.....	30,959 07	
Total deductions.....	3,764 19	31,325 39
Net amount paid for said losses.....	69,530 33	359,806 84
Total net amount paid during the year for fire losses.....	80,711 35	488,242 54

*For Inland Marine Risks.*

Paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$15,332.77).....	17,978 71	1,380 33
Deduct re-insurance.....	951 37	
Net amount paid during the year for said losses.....	17,027 34	1,380 33
Paid for losses occurring during the year.....	561 08	8,261 18
Deduct savings and salvage.....	194 72	
Deduct re-insurance .....	123 32	
Total deductions.....	177 12	140 92
Net amount paid for said losses.....	383 96	8,120 26
Total net amount paid during the year for inland marine losses.....	17 411 30	9,500 59

Total net amount paid during the year for fire and inland marine losses,  
viz. :—

In Canada.....	\$98,122 65
In other countries.....	497,743 13

Total..... \$595,865 78

**BRITISH AMERICA—Continued.**

Net amount paid during the year for ocean losses.....	33,365 94
(Of which \$22,223.13 accrued in previous years)	
Paid for dividends on capital stock at 10 per cent.....	49,730 00
Commission or brokerage.....	135,244 32
Salaries, fees and all other charges of officials .....	44,180 59
Taxes.....	11,324 79
Miscellaneous expenses.....	55,153 98
<b>Total cash expenditure.....</b>	<b><u><u>\$924,870 40</u></u></b>

**CASH ACCOUNT.**

Dr.		\$	cts.	1882.		Cr.		\$	cts.
1881-					Dec. 31, By expenditure during year				
Dec. 31, To balance in hand and in	Banks as at this date...	66,354	43		as above.....	924,870	40		
1882					Investments .....	171,516	00		
Dec. 31. To Income as above.....	Received from realiza- tion of investments...	859,473	69		Loan Account—Bor- rowed money re- turned .....	150,000	00		
	Loan account—Borrow- ed during the year...	236,823	43		Sundry payments...	338	60		
		150,000	00		Balance in hand and in Banks this date	38,952	90		
					*Balance in hand of English Companies	26,975	65		
	<b>Total.....</b>	<u><u>\$1,312,651</u></u>	<u><u>55</u></u>		<b>Total.....</b>	<u><u>\$1,312,651</u></u>	<u><u>55</u></u>		

\*Particulars of credits not to hand at date of statement.

BRITISH AMERICA—*Concluded.*

## RISKS AND PREMIUMS.

	IN CANADA.		IN OTHER COUNTRIES.		TOTAL IN ALL COUNTRIES.	
	Amount.	Premium	Amount	Premium	Amount	Premium
<i>Fire Risks</i>						
Gross policies in force at date of last statement.....	\$ 20,557,094	\$ cts 209,424 89	\$ 70,438,283	\$ cts 695,773 70	\$ 90,995,377	\$ cts 905,198 59
Taken during the year—new and renewed.....	15,843,806	159,654 77	62,596,346	675,528 39	78,440,152	835,183 16
Total .....	36,400,900	369,079 66	133,034,629	1,371,302 09	169,435,529	1,740,381 75
Deduct terminated.....	17,724,759	177,020 70	79,779,955	740,802 09	97,504,714	917,822 79
Gross in force at end of year.....	18,676,141	192,059 96	53,254,674	630,500 00	71,930,815	822,559 96
Deduct re-insured.....	2,800,127	32,241 56	2,290,470	26,616 00	5,090,597	58,857 56
Net in force at 31st December, 1882.....	15,876,014	159,817 40	50,964,204	603,884 00	66,840,218	763,701 40
<i>Inland Marine Risks</i>						
Gross policies in force at date of last statement .....			478,972	11,843 61	478,972	11,843 61
Taken during the year.....	3,811,597	24,099 79	5,886,882	38,087 65	9,698,479	62,187 44
Total .....	3,811,597	24,099 79	6,365,854	49,931 26	10,177,451	74,031 05
Deduct terminated.....	3,809,097	24,054 79	6,057,469	38,836 34	9,866,566	62,891 13
Gross in force at date.....	2,500	45 00	308,385	11,094 92	310,885	11,139 92
Deduct re-insured.....			2,500	29 16	2,500	29 16
Net in force at 31st December, 1882.....	2,500	45 00	305,885	11,065 76	308,385	11,110 76
<i>Ocean Risks.</i>						
Gross policies in force at date of last statement .....	110,266	3,411 79			110,266	3,411 79
Taken during the year.....	660,102	16,639 66			660,102	16,639 66
Total .....	770,368	20,051 45			770,368	20,051 45
Deduct terminated.....	672,548	16,886 17			672,548	16,886 17
Gross in force at end of year.....	97,820	3,165 28			97,820	3,165 28
Deduct re-insured.....	1,500	22 00			1,500	22 00
Net in force at 31st December, 1882.....	96,320	3,143 28			96,320	3,143 28

Total number of policies in force at date.....No return.

Total net amount in force..... \$67,244,923

Total premiums thereon ..... 777,955 44

Subscribed and sworn to, 17th February, 1882, by

J. MORISON, *Governor.*

SILAS P. WOOD, *Secretary.*

(Received, 20th February, 1882.)

STATEMENT OF THE CANADA AGRICULTURAL INSURANCE COMPANY (IN INSOLVENCY), MADE BY THE ASSIGNEES, ROSS, FISH AND DUMESNIL.

MONTREAL, 31st December, 1882.

The stock list remains unchanged.

The Company went into insolvency on the 10th of May, 1878, by special Act of Parliament. Philip S. Ross, William T. Fish and George H. Dumesnil being nominated joint assignees.

The outstanding risks of the Company, as on 1st day of October, 1878, were re-insured in the Agricultural Insurance Company of Watertown, N.Y., U.S. Supposed amount of outstanding risks according to the books of the

Canada Agricultural Insurance Company..... \$20,000,000 00

Amount of insurance premium agreed upon and since paid by the Canada Agricultural Insurance Company to the Agricultural Insurance Company of Watertown, N.Y., U.S..... 40,000 00

Three dividends of ten per cent. each have been declared upon the fire loss claims against the Company and the dividends so far as called for have been paid.

Amount declared, 1st, \$8,037.32; paid to date, \$7,565.33.

do do 2nd, 8,037.32; do 7,531.55.

do do 3rd, 7,642.94; do 4,870.20.

One dividend of 100 per cent. on the dollar on the privileged claims has been declared, and so far as called for, has been paid.

Amount, \$1,545.77; paid to date, \$933.47.

One dividend of 25 per cent. in connection with the unearned premium returns has been declared and paid so far as called for.

The amount per dividend sheet was, \$7,033.14; and the dividend declared was, \$1,758.28; of which has been paid to date, \$285.98.

Stock called up as per previous statement, to 31st December, 1878, 30

per cent ..... \$300,000 00

4th call made 4th January, 1879..... 100,000 00

5th do do ..... 100,000 00

Total..... \$500,000 00

Amount collected in cash up to 31st December, 1881, as previously reported.....

Collected from 1st January to 31st December, 1882..... \$216,740 36

18,652 38

Total..... \$235,392 74

The following statements are annexed:—

(A.) Intromissions of the assignees in cash for the year ending 31st December, 1882.

(B.) Detailed statement of expenses general.

(C.) Balance sheet of the Company showing the present state of affairs.

(A.)

ANALYSIS OF CASH FOR 1882.—RECEIPTS.

Balance from last year ..... \$ 23 32

Interest..... 263 38

Stock calls..... 18,652 38

P. S. Ross—advance..... 53 22

Total..... \$18,992 30

## CANADA AGRICULTURAL—Continued.

## DISBURSEMENTS.

Bank Ville Marie.....	\$3,036 83
Stationery, printing, advertising and telegrams.....	166 99
Expense account.....	50 58
Law costs.....	148 02
Salaries.....	4,630 00
Travelling expenses.....	260 60
Rent and office cleaning.....	382 70
P. S. Ross—repaying—balance last year.....	15 51
Bill to Parliament.....	16 64
Bank Ville Marie—deposited for unclaimed dividends.....	4,196 48
Fire losses.....	5,148 26
Privileged claims.....	933 47
Unearned premiums.....	3 03
<b>Total</b> .....	<b>\$18,989 11</b>
Cash on hand.....	3 19
	<b>\$18,992 30</b>

(B.)

## STATEMENT OF EXPENSES GENERAL.

## Travelling expenses:—

G. H. Dumesnil.....	\$98 00
P. S. Ross.....	84 60
J. P. Senecal.....	43 00
J. G. Ross.....	35 00
<b>Total</b> .....	<b>\$260 60</b>

## Legal expenses:—

A. S. Hurd.....	\$112 90
Sundry.....	45 62
<b>Total</b> .....	<b>\$158 52</b>
Less returned.....	10 50
	<b>\$148 02</b>

There are upwards of one hundred suits going on, and the expenses attending which cannot be stated till the results of the suits have been determined by decision of the courts.

## Salaries:—

P. S. Ross, 1881.....	\$ 750 00
Do. 1882.....	750 00
G. H. Dumesnil, to end of 1882.....	2,265 00
Inspectors.....	270 00
Sundry witnesses and clerks, preparing papers and attending to collections and other matters.....	595 00
<b>Total</b> .....	<b>\$4,630 00</b>

CANADA AGRICULTURAL—*Concluded.*

(C.)

## BALANCE SHEET.—ASSETS.

Cash on hand.....	\$	3 19
Bank Ville Marie (current account).....		4,231 00
Do. (unclaimed dividend).....		4,190 48
Agents' balances.....		26,471 84
Furniture account.....		450 00
Bills receivable (premium notes).....		6,125 48
Do. (general).....		21,921 62
Arrears on Capital Stock.....		261,607 26
Claim on Estate of President in insolvency, not valued, \$61,750.....		—
<b>Total.....</b>	<b>\$</b>	<b>328,006 87</b>

## LIABILITIES.

Fire loss, claims per dividend sheet.....	\$76,642 94	
Less—Paid three dividends.....	19,967 08	
		\$56,675 86
Fire loss claims objected to and not filed.....		9,516 44
Unearned premium per list ..	\$7,033 14	
Less dividends paid ..	285 98	
		6,747 16
Dividend to shareholders unpaid.....		455 35
Sundry creditors' claims filed.....	\$5,091 02	
Less paid ..	933 47	
		4,157 55
Sundry creditors' claims, not filed.....		2,582 00
<b>Total.....</b>		<b>\$80,134 36</b>
<b>Surplus.....</b>		<b>\$247,872 51</b>

PHILIP S. ROSS,  
W. T. FISH,  
per PHILIP S. ROSS,  
G. H. DUMESNIL,  
*Joint Assignees.*

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THE CANADA FIRE AND MARINE INSURANCE COMPANY.

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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

*President*—GEORGE ROACH. | *Agent and Secretary*.—GEORGE DENOON.

*Principal Office*—Hamilton, Ontario.

Organized—Ontario Charter, 20th July, 1875; Dominion Charter, 20th July, 1876.  
(Commenced business in Canada, 1st September, 1875.)

CAPITAL.

Amount of joint stock capital authorized.....	\$5,000,000 00
Amount subscribed for.....	1,000,000 00
Amount paid in cash.....	105,982 08
Amount paid in notes.....	3,450 00

*(For List of Stockholders, see Appendix.)*

ASSETS.

Loans secured by bonds and mortgages, on which not more than one year's interest is due, constituting a second lien on real estate.....	\$155 00
Stocks and bonds owned by the Company:—	

	Par Value.	Market Value.
*Town of Windsor debentures .....	\$12,000 00	\$12,000 00
* do Owen Sound do .....	15,000 000	15,000 00
* do Walkerton do .....	7,000 00	7,000 00
* do Windsor (waterworks debentures).....	17,000 00	17,000 00
Total par and market value.....	\$51,000 00	\$51,000 00

Carried out at market value.....	51,000 00
Cash on hand at head office.....	902 54
Cash in Bank of Hamilton.....	4,212 57
Cash deposited with Receiver-General.....	3,000 00
Interest due and unpaid on stocks.....	510 00
Interest accrued and unpaid on stocks.....	1,160 00
Bills receivable (including \$3,450 notes for stock).....	3,529 01
Amount of same overdue, \$2,929.01	
Agents' balances.....	1,500 00

All other property belonging to the Company:—

Office furniture and fixtures (including insurance maps).....	\$1,367 00
Sundry items due Company.....	1,711 86
Amount due for re-insured losses.....	2,370 69
	5,449 55

Total assets.....	\$71,418 67
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LIABILITIES.

(1.) *Liabilities in Canada.*

Net amount of losses resisted and in suit—(Fire \$7,300 accrued in former years.) .....	\$8,300
Total net amount of unsettled claims for losses in Canada.	\$8,300 00

\*In deposit with Receiver-General.



CANADA FIRE AND MARINE—*Continued.*

Due for salaries, rent, &c. ....	4,500 00
Amount of money borrowed.....	64,000 00
(Borrowed from Bank of Hamilton, secured by lien on debentures and cash in hands of Dominion Government and personal guarantee bond of Directors. Interest 7 per cent.; paid each month.)	
Balance due Citizens' Insurance Co. for re-insurance.....	2,351 78
<b>Total liabilities in Canada.....</b>	<b>\$79,151 78</b>

(2). *Liabilities in other Countries.*

Losses due and yet unpaid.....	\$233 34
Losses resisted and in suit.....	18,582 23
<b>Total unsettled losses in other countries.....</b>	<b>\$18,815 57</b>
<b>Total liabilities in other countries.....</b>	<b>\$18,815 57</b>
<b>Total liabilities, excluding capital stock, in all countries....</b>	<b>\$97,967 35</b>
<b>Capital stock paid up in cash and notes.....</b>	<b>\$109,432 08</b>

## INCOME.

*For Fire Risks.*

Gross cash received for premiums .....	\$55,936 66
Deduct re-insurance, rebate, abatement and return premiums.....	22,952 20
<b>Total net cash received for premiums .....</b>	<b>\$32,984 46</b>
Received for interest and dividends.....	4,964 64
<b>Total .....</b>	<b>\$37,949 10</b>
Received for calls on capital.....	9,232 08
<b>Total cash income.....</b>	<b>\$47,181 18</b>

## EXPENDITURE.

*For Fire Risks.*

Amount paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$38,679.45).....	\$33,481 11
Deduct amount received for re-insurance.....	3,739 92
<b>Net amount paid for such losses.....</b>	<b>\$29,741 19</b>
Amount paid for fire losses during the year.....	\$58,877 14
Less amount received for re-insurance.....	14,780 22
<b>Net amount paid for said losses.....</b>	<b>\$44,096 92</b>
<b>Total net amount paid during the year for losses.....</b>	<b>\$73,838 11</b>
Commission or brokerage .....	7,024 01
Salaries, fees, &c. ....	4,242 45
Taxes.....	238 80

CANADA FIRE AND MARINE—*Concluded.*

Miscellaneous payments :—

Head office and agency disbursements, including rent, stationery, printing, advertising, postage, agents' supplies and legal expenses	\$8,205 97	
Adjustment and inspection, including travelling expenses, Arbitrator's fees, Inspector's salary, &c.....	2,808 62	
		<u>11,014 59</u>
*Paid Citizens' Insurance Company for re-insurance.....		38,505 80
		<u><u>\$134,863 76</u></u>

CASH ACCOUNT.

Dr. 1881.		Cr. 1882.	
Dec. 31. To balance in hand and in Banks as at this date...	\$9,167 57	Dec. 31. By expenditure during year...	\$134,863 76
1882.		Sundry small accounts....	4,396 27
Dec. 31. To income.....	47,181 18	Balance in hand and in Banks at this date .....	5,115 11
" realization of investments	19,342 64		
" loan account—borrowed during the year.....	64,000 00		
Received from other sources, viz. :			
Bills receivable \$3,657 40			
Furniture..... 1,026 35	<u>\$4,683 75</u>		
	<u>\$144,375 14</u>		<u>\$144,375 14</u>

RISKS AND PREMIUMS.

	Amount.	Premiums thereon.
Policies in force at the date of last statement.....	\$14,785,316	\$202,151 35
Taken during the year, new and renewed.....	3,019,779	39,699 17
Total.....	<u>\$17,805,095</u>	<u>\$241,850 52</u>
Deduct terminated.....	6,809,298	175,881 52
Gross in force 13th May, 1882.....	\$10,995,797	\$65,969 00
Deduct re-insured.....	1,329,040	7,601 03
Net in force, 13th May, 1882.....	<u>\$9,666,757</u>	<u>\$58,367 97</u>

All re-insured with "Citizens," 13th May, 1882.

Subscribed and sworn to 28th June, 1883.

GEORGE ROACH,  
*President.*  
GEORGE DENOON,  
*Secretary.*

(Received, 13th July, 1883.)

\* Balance paid after 31 Dec., 1882.

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**THE CITIZENS' INSURANCE COMPANY OF CANADA.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—HENRY LYMAN, | *Secretary*—ARCHIBALD MCGOUN.*General Manager*—GERALD E. HART.*Principal Office*—179 St. James Street, Montreal.

(Incorporated 30th June, 1864; commenced business in Canada, 1st January, 1865.)

## CAPITAL.

Amount of joint stock capital authorized.....	\$2,000,000 00
do do subscribed for. ....	1,188,000 00
do paid up in cash.....	<u>249,520 50</u>

(For List of Shareholders, see Appendix).

## ASSETS.

(Fire and Accident Departments.)

Value of real estate held by the Company, the Company's building, 179 and 181 St. James Street, Montreal, extended at cost price..... \$85,000 00

Stocks and bonds held by the Company, viz.:—

	Par Value.	Market Value.	
242 shares Merchants' Bank stock, at 123.....	\$24,200 00	\$29,766 00	
10 shares Provincial Loan Company.....	500 00	200 00	
<b>Bonds deposited with Receiver-General, viz.:—</b>			
Montreal Harbor Bonds.....	56,000 00	62,135 00	
<b>Total par and market value.....</b>	<u>\$80,700 00</u>	<u>\$92,101 00</u>	
<b>Carried out at market value... ..</b>			92,101 00
<b>Cash in Merchants' Bank.....</b>			6,123 00
do do in deposit with Receiver-General.....			10,000 00
<b>Interest accrued and unpaid on stock and bonds.....</b>			379 37
<b>Agents' balances.....</b>			25,810 76
<b>Bills receivable.....</b>			2,316 74
(Amount of same overdue, \$2,146.74.)			
<b>Calls on stock in course of collection.....</b>			6,669 98
Sundry debtors.....		\$10,716 31	
Secured by life policies.....		419 07	
			<u>11,135 38</u>
<b>Furniture, plans, etc.....</b>			4,000 00
			<u>\$243,536 30</u>

## LIABILITIES.

(Fire, Guarantee and Accident Departments.)

*Fire Department.*

<b>Net amount of losses claimed but not adjusted.....</b>	\$13,077 20
<b>Net amount of losses resisted, in suit (incurred in previous years).....</b>	<u>1,600 00</u>
<b>Total net amount of unsettled claims for fire losses in Canada.....</b>	\$14,677 20
<b>Total reserve of unearned premiums for fire risks in Canada.. ..</b>	<u>91,668 47</u>
<b>Total.....</b>	<u>\$106,345 67</u>

CITIZENS'—*Continued.**(Guarantee Department.)*

Net amount of losses resisted and in suit (incurred in previous years)... \$4,169 00

*(Accident Department.)*

Net amount of losses in Canada claimed but not adjusted..... \$ 308 93  
 Reserve of unearned premiums for all outstanding accident risks in  
 Canada..... 8,706 81

Total..... \$9,015 74

Total liability (for unsettled claims and reserve) in Fire, Guarantee and  
 Accident Departments..... \$119,530 41

Loans on security of real estate..... 45,000 00

(Borrowed on the Company's building, 179 and 181 St. James Street,  
 Montreal, due 1885—interest at 6 per cent.)

Interest thereon accrued but not yet due..... 784 11

Interest due and unpaid..... 1,675 20

Due to Merchants' Bank..... 10,000 00

Total liability exclusive of capital stock—Fire, Accident and Guarantee  
 Departments ..... \$176,989 72

Capital stock paid up in cash..... \$249,520 50

Stock calls in course of payment..... 6,669 98

Total..... \$256,190 48

This capital is also liable to the Life Department.

## INCOME.

*(Fire Department.)*

Gross cash received for premiums..... \$242,705 50  
 Deduct re-insurance, rebate, abatement and return premiums ..... 48,690 60

Net cash received for premiums..... \$194,014 90

Received for interest..... 3,630 00

do do on stocks, &c..... 3,380 67

do for rent..... 2,073 91

do from all other sources, viz.:

*Re* Parsons ..... \$4,012 03

Bills receivable ..... 406 67

Metropolitan Bank..... 510 00

4,928 70

Total..... \$208,028 18

Received for calls on capital..... 450 00

Total cash income..... \$208,478 18

## CITIZENS'—Continued.

## EXPENDITURE.

## (Fire Department.)

Paid during the year for losses occurring in previous years (which losses were estimated in the last statement at \$5,836.75).....		\$ 6,022 99
Less amount received for re-insurances.....		80 55
Net amount paid during the year for said losses.....		\$5,941 94
Net amount paid for losses occurring during the year.....	\$144,687 60	
Less amount received for re-insurance.....	31,048 33	
Net amount paid for said losses.....		\$113,639 27
Total net amount paid during the year for fire losses.....		\$119,581 21
Commission or brokerage.....		34,140 41
Salaries, fees and other charges of officials.....		16,121 21
Taxes and rent.....		2,762 31
Interest.....		4,490 72
Miscellaneous payments, viz.: Miscellaneous charges, postage, tele- graph, &c., \$991.40; stationery, advertising, printing and calen- dars, \$4,162.10; plans, \$762.65; travelling expenses, \$1,287.65; law charges, &c., \$1,767.56; bonus to agents, \$994.11; main- tenance of building, and other charges for fuel, gas, water, &c., \$2,094.00; expenses <i>re</i> losses, \$1,945.42.....		14,004 89
Total cash expenditure.....		\$191,100 75

## RISKS AND PREMIUMS.

## (Fire Risks in Canada.)

	Amount.	Premiums thereon.
Gross policies in force at date of last statement.....	\$15,711,643	\$146,451 63
Taken during the year—new and renewed.....	19,848,819	191,079 53
Re-insured from Canada Fire and Marine.....	10,995,797	65,969 54
Total.....	\$46,556,259	\$403,500 69
Deduct terminated—Citizens'.....	15,310,563	141,249 93
do Canada Fire and Marine (est'd 75 p.c.).....	8,246,848	49,477 16
Gross in force at end of year.....	\$22,998,848	\$212,773 60
Deduct re-insured.....	2,454,687	29,456 26
Net in force at 31st December, 1882.....	\$20,544 161	\$183,317 34

## (Accident Risks in Canada.)

	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement.....	934	\$1,169,900	\$ 8,764 89
Taken during the year.....	2,627	3,583,820	23,270 07
Total.....	3,561	\$4,753,720	32,034 96
Deduct terminated.....	1,881	2,696,995	13,998 98
Gross in force at end of year.....	1,680	2,056,725	18,035 98
Deduct re-insured.....		129,500	622 35
Net in force at 31st December, 1882.....	1,630	\$1,927,225	\$17,413 63

Total number of policies in force at date. (No return.)	
Total net amount in force.....	\$22,471,836 00
Total premiums thereon.....	200,730 97

CITIZENS'—*Continued.*

## ACCIDENT DEPARTMENT.

## INCOME.

Net cash received for premiums .....	\$20,122 41
Less re-insurance and return premiums.....	837 27
Net premium income.....	<u>\$19,285 14</u>

## EXPENDITURE.

Bonus to policy holders.....	\$ 67 00
Cash paid for losses .....	3,347 31
Working expenses, including commission, salaries, rent, &c.....	8,204 92
Total cash expenditure .....	<u>\$11,619 23</u>

## GUARANTEE DEPARTMENT.

## INCOME.

Received for premiums.....	\$243 63
Received for commission .....	3,369 57
Total.....	<u>\$3,613 20</u>

## EXPENDITURE.

Amount paid for losses occurring in previous years (which losses were estimated in the last statement at \$7,390).....	\$5,500 00
Deduct savings and salvage .....	284 23
Net amount paid for said losses.....	<u>\$5,215 77</u>
Amount paid for losses occurring during the year .....	\$6,932 08
Deduct savings and salvage .....	3,922 08
Net amount paid for said losses.....	<u>\$3,010 00</u>
Total net amount paid during the year for Guarantee losses.....	\$8,225 77
Paid for general expenses.....	454 08
Total expenditure.....	<u>\$8,679 85</u>

## CASH ACCOUNT—NOT BALANCED.

Subscribed and sworn to 14th March, 1883, by

HENRY LYMAN, *President.*  
 GERALD E. HART, *General Manager.*

(Received 15th March, 1883.)

CITIZENS'—*Concluded.*

The following is a statement for the whole business of the Company, embracing the Fire, Guarantee, Accident and Life branches:—

## ASSETS.

Fire, Guarantee and Accident .....	\$243,536 30
Life (see Life statement).....	164,451 59
Total assets.....	<u>\$407,987 89</u>

## LIABILITIES.

Fire, Guarantee and Accident.....	\$176,989 72
Life.....	147,158 76
Total liabilities (except paid up capital).....	<u>\$324,146 48</u>
Capital stock paid up in cash....	\$249,520 50
Calls on stock in course of payment.....	6,669 98
Total.....	<u>\$256,190 48</u>

## INCOME.

Fire.....	\$208,028 18
Guarantee.....	3,613 20
Accident.....	19,285 14
Life.....	45,224 86
Total cash income.....	<u>\$276,151 38</u>

## EXPENDITURE.

Fire.....	\$191,100 75
Guarantee.....	8,679 85
Accident.....	11,619 23
Life.....	37,586 30
Total cash expenditure.....	<u>\$248,986 13</u>

**THE CITY OF LONDON FIRE INSURANCE COMPANY (LIMITED) OF  
LONDON, ENGLAND.**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—HENRY E. KNIGHT | *Secretary and General Manager.*  
Lord Mayor of London. | L. C. PHILLIPS.

*Principal Office*—101 Cheapside, London, Eng.

*Agent in Canada*—W. R. OSWALD. | *Head Office in Canada*—Montreal.

Organized or Incorporated, 9th February, 1881. Commenced business in Canada  
September 1st, 1881.

**CAPITAL.**

Amount of capital authorized and subscribed for.....	\$9,733,333 33
Amount paid up in cash.....	<u>973,333 33</u>

**ASSETS.**

Dominion 4 per cent. stock in deposit with Receiver-General, par value, \$102,200.00, market value.....	\$102,200 00
Cash on hand at head office in Canada.....	560 72

Cash in Banks, viz. :—

Ontario Bank.....	\$ 211 23
Merchants' Bank.....	3,969 23
Federal Bank.....	713 67

Total.....	4,894 13
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Agents' balances (cash in Chief Agents' hands).....	6,464 82
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Sundry, viz. :—

Plans and stationery.....	\$3,274 28
Office furniture.....	301 41
Stamps.....	7 00
Office fixtures.....	725 69

4,308 38

Gross assets.....	\$118,428 05
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Amount which should be deducted on account of bad or doubtful Agents' balances.....	29 39
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Total assets.....	<u>\$118,398 66</u>
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**LIABILITIES.**

Net amount of losses in Canada adjusted but not due.....	\$ 7,702 85
do do claimed but not adjusted.....	13,000 00
do do reported or supposed, but not claimed..	350 00

Total net amount of unsettled claims for losses in Canada.....	\$21,052 85
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Reserve of unearned premiums for all outstanding risks in Canada.....	60,180 17
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Miscellaneous claims, viz. :—

Printing and advertising, \$141.03; plans, \$84.25; furniture, \$90.31; agents advertising, show cards, &c., \$198 85; subscription due Toronto and London Board of Fire Underwriters, \$45.00; Stationery, &c., \$143.80; office fixtures, \$26.95.....	730 19
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Total liabilities in Canada.....	<u>\$81,963 21</u>
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CITY OF LONDON—*Continued.*

## INCOME IN CANADA.

Gross cash received for premiums.....	\$136,489 27
Deduct re-insurance, rebate, abatement and return premiums .....	9,289 48
Net cash received for said premiums.....	\$127,099 79
*Received for interest and dividends.....	4,200 00
Total income in Canada.....	<u>\$131,299 79</u>

## EXPENDITURE IN CANADA.

Amount paid for losses occurring during the year.....	\$ 66,220 07
Commission or brokerage.....	21,081 55
Salaries, fees and all other charges of officials in Canada.....	708 81
Taxes in Canada.....	660 07

## Miscellaneous payments, viz. :—

Postages, cables and telegrams, \$897.85; advertising, \$1,200.79; plans, \$1,989.98; express charges and duties, \$78.72; travelling expenses, \$144.63; legal advice, \$3.00; printing and stationery, \$1,641.47; expenses on Quebec Tax Act, \$93.66; subscriptions, sundry objects, \$164.91; organization expenses, \$3,435.75; rents and gas bills, \$649.99; office furniture, \$555.55; fuel, \$30.00; sundries, \$620.91.....	14,507 21
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Total expenditure in Canada..... \$103,177 71

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums thereon.
Policies taken during the year—new.....	4,520	\$10,231,057	\$133,039 66
do do —renewed.....	138	288,174	3,848 46
Total.....	4,658	\$10,519,231	\$136,888 12
Deduct terminated.....	986	3,264,989	19,816 96
Gross in force at end of year.....	3,672	\$7,254,242	\$117,071 16
Deduct re-insured.....		125,750	1,731 08
Net in force 31st December, 1882....	<u>3,672</u>	<u>\$7,128,492</u>	<u>\$115,340 08</u>

Total number of policies in force in Canada at date.....	3,672
Total net amount in force.....	\$ 7,128,492
Total premiums thereon.....	<u>115,340 08</u>

Subscribed and sworn to, 1st March, 1883, by

(Received, 3rd March, 1883.)

W. R. OSWALD.

\*Paid direct to head office in London.

CITY OF LONDON—*Concluded.*

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST MARCH, 1882.

(Abstracted from First Report of the Director's, London, England, 24th May, 1882.)

The Directors have much pleasure in submitting to the Shareholders their First Annual Report, with the audited Accounts, for the year ending 31st March, 1882.

The premiums received, after deduction of Re-assurances and Returns, amounted to £105,612 10s. 11d.

The losses paid and outstanding were £40,701 16s. 5d., being 38·54 per cent. of the premium income.

The premium of £50,000 received from the New Shares has been placed to a Reserve Fund.

The Surplus on the year's business is \$30,019 8s. 4d., out of which the Directors recommend that a Dividend be now paid to the Shareholders of 5 per cent. (free of Income Tax) on the paid-up Capital of the Company, for the year commencing 1st April, 1881, which will absorb £10,000, leaving a balance of £20,019 8s. 4d. to be carried to the credit of the New Account.

## REVENUE ACCOUNT, FOR THE YEAR ENDING 31ST MARCH, 1882.

Dr.	£	s.	d.	Co	£	s.	d.
To fire premiums received, after deduction of re-insurances and Returns.....	105,612	10	11	By fire losses, paid and outstanding, after deduction of re-insurances.....	40,701	18	5
Interest on investments.....	6,023	14	9	Fire commission.....	22,738	9	4
Profit on securities realized.....	493	15	0	Expenses of management.....	10,632	16	1
Transfer fees and other receipts...	205	4	1	Branch and agency expenses.....	4,599	17	9
				Preliminary and organization expenses, one-fifth.....	3,642	14	10
				Balance as per balance sheet.....	30,019	8	4
	<u>£112,335</u>	<u>4</u>	<u>9</u>		<u>£112,335</u>	<u>4</u>	<u>9</u>

## BALANCE SHEET, 31ST MARCH, 1882.

LIABILITIES.				ASSETS.			
Dr.	£	s.	d.	Cr.	£	s.	d.
To shareholders' capital £2,000,000				By INVESTMENTS—			
0 0 of which is paid up .....	200,000	0	0	* In United States and Canadian Government securities .....	127,184	10	0
Reserve fund—premium of 10s. per share on 100,000 new shares.....	50,000	0	0	Indian and Colonial Government securities.....	68,190	12	6
Revenue account.....	30,019	8	4	Foreign Government Securities.	11,803	2	6
Outstanding fire losses 10 189 16 0				Railway preference stock.....	12,443	17	6
“ Expenses.. 1,781 6 11				Mortgages on property within the United Kingdom.....	4,886	0	0
	<u>11,971</u>	<u>2</u>	<u>11</u>	Cash on deposit.....10,000 0 0			
				Cash at banks and in hand.....10,379 13 1	<u>20,379</u>	<u>13</u>	<u>1</u>
				Bills Receivable.....	384	17	2
				Branch and Agency Balances ..	28,899	0	6
				Interest accrued.....	2,121	6	0
				Furniture at head office and branches .....	1,126	12	6
				Preliminary and organization expenses.. .....	14,570	19	6
	<u>£291,990</u>	<u>11</u>	<u>3</u>		<u>£291,990</u>	<u>11</u>	<u>3</u>

\* These Securities are deposited in the United States and in Canada, under local laws, for the Security of Policy-holders in those countries.

**THE COMMERCIAL UNION ASSURANCE COMPANY OF LONDON,  
ENGLAND.**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*Chairman*—THOMAS RUSSELL, Esq., C.M.G. | *Secretary*—SAMUEL J. PIPKIN.  
*Principal Office*—London, England.      Incorporated 28th September, 1861.  
*Agent in Canada*—FRED. COLE. | *Head Office in Canada*—Montreal.  
 (Commenced business in Canada, 11th September, 1863.)

CAPITAL.

Amount of capital authorized and subscribed ..... £2,500,000 stg., \$12,166,666 67  
 do      paid up in cash.....      250,000 "      1,216,666 67

ASSETS IN CANADA (FIRE DEPARTMENT.)

Stocks, bonds, &c., held by the Company, viz. :—

	Par value.	Market value.
Canada 5 per cent. for Fire Branch .....	\$50,613 33	\$ 51,625 59
do 4 do do .....	55,966 67	58,205 33
Total par and market value.....	\$106,580 00	\$109,830 92

Carried out at market value..... **\$109,830 92**

The above being in deposit with the Receiver-General.

Cash on hand at head offices in Canada..... **1,338 88**

Cash in Banks, viz. :—

Bank of Montreal .....	\$ 1,764 20
Bank of British North America.....	1,022 68
Merchants' Bank of Canada.....	20 32
Canadian Bank of Commerce.....	13,833 71

Total..... **16,640 91**

Agents' balances..... **9,270 84**

Approximate value of block plans and other agency plant..... **1,800 00**

Total assets in Canada (exclusive of assets of Life Branch) **\$138,881 55**

LIABILITIES IN CANADA (FIRE DEPARTMENT.)

Net amount of fire losses in Canada, adjusted but not due .....	\$ 3,975 00
do do due and yet unpaid .....	150 00
do do claimed but not adjusted .....	27,451 64
do do reported or supposed but not claimed .....	657,90
	\$31,334 54

Net amount of fire losses resisted, viz. :—

In suit (of which \$2,900 accrued previous to 1882).....	\$5,700 00
Not in suit.....	2,500 00
	8,200 00

Total net amount of unsettled claims for fire losses in Canada..... **\$ 39,534 54**

Reserve of unearned premiums for all outstanding fire risks in Canada. **185,314 06**

Total liabilities in Canada..... **\$224,848 60**

## COMMERCIAL UNION—Continued.

## INCOME IN CANADA.

*For Fire Risks in Canada.*

Gross cash received for premiums.....	\$336,849 82
Deduct re-insurance, rebate, abatement and return premiums .....	28,883 05
Net cash received for fire premiums.....	\$307,966 77
Received for interest and dividends paid direct to head office, England.	4,769 34
Interest on bank account.....	379 38
Total cash income in Canada.....	\$313,115 49

## EXPENDITURE IN CANADA.

Paid during the year for fire losses occurring in previous year (which losses were estimated in last statement at \$6,505.17).....	\$5,597 87
Deduct amount for re-insurances.....	640 87
Net amount paid during the year for said losses.....	\$4,957 00
Paid for losses occurring during the year.....	\$233,750 25
Less received for re-insurance.....	597 55
Net amount paid for said losses.....	\$233,152 70
Total net amount paid during the year for fire losses.....	\$238,109 70
Commission or brokerage.....	55,796 77
Taxes in Canada.....	1,024 48
Salaries, fees and other charges of officials in Canada.....	250 00
Adjustment fees and expenses, insurance superintendence, legal charges, block plans, board fire underwriters, printing, stationery, advertising and other sundry agency charges.....	3,601 40
Total cash expenditure in Canada.....	\$298,782 35

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement..	12,635	\$29,850,978	\$354,200 90
Taken during the year—new.....	6,417	16,037,263	165,075 42
Do. do. renewed.....	5,558	11,592,551	139,283 61
Total.....	24,610	\$57,480,792	\$658,559 93
Deduct terminated.....	9,648	24,358,915	268,083 58
Gross in force at end of year.....	14,962	\$33,121,877	\$390,476 35
Deduct re-insured.....	—	1,465,509	12,034 47
Net in force at 31st December, 1882.....	14,962	\$31,656,368	\$378,441 88
Total number of policies in force in Canada at date.....	14,962		
Total net amount in force..			\$31,656,368 00
Total premiums thereon....			378,441 88

Subscribed and sworn to, 28th February, 1883, by

FRED. COLE.

(Received, 1st March, 1883).

COMMERCIAL UNION--Continued.

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

(Abstracted from Directors' Report, London, England, 1883.)

*Fire Department :—*

The net premiums of 1882 amounted to £756,412, and the losses paid and outstanding to £588,607, being 77½ per cent. of the premium income.

The year 1882 has been marked by exceptional fires of unusual extent, and the losses which have fallen to this Company have consequently exceeded the average.

After providing for all outstanding claims, the Fire Fund stands at £515,960.

*Marine Department :—*

The net premiums received were £211,835. The losses paid have been in excess of the average of several years past.

From the profits of this Department the sum of £25,000 has been carried to Profit and Loss, and after providing for outstanding losses, the Marine Fund stands at £207,750.

*Profit and Loss :—*

The Directors recommend that the balance of the Account be apportioned as follows :—

To payment of Dividend at 10 per cent. free of Income tax...	£25,000	0	0
<i>(Making 15 per cent. for the year including the interim dividend.)</i>			
To balance carried forward to 1883 .....	5,921	14	0
	£30,921		14 0

FIRE DEPARTMENT.

DR:	£	s.	d.	CR.	£	s.	d.
To Amount of fire fund at the beginning of the year.....	551,359	11	7	By losses paid and outstanding after deduction of re-insurances .....	588,607	9	0
Premiums received after deduction of re-insurances.....	756,442	19	4	Commission and brokerage...	135,850	10	0
Interest.....	19,275	14	4	Contributions to Fire Brigades	3,560	4	3
				State charges—foreign.....	7,496	14	5
				Expenses of management.....	74,067	18	9
				Bad debts.....	1,535	2	7
				Amount of fire fund at the end of the year.....	515,960	6	3
	£1,327,078 5 3				£1,327,078 5 3		

MARINE DEPARTMENT.

DR.	£	s.	d.	CR.	£	s.	d.
To Amount of marine fund at the beginning of the year.....	238,731	0	4	By Losses paid and outstanding, after deduction of re-insurances .....	202,014	17	8
Premiums received after deduction of re-insurances, discounts and returns.....	211,835	18	2	Subscription to Lloyd's and register books.....	854	7	9
Interest .....	7,053	8	4	Expenses in connection with Archangel Marine Insurance Company.....	850	0	0
				Expenses of management and commission.....	20,880	7	10
				Bad debts.....	260	5	3
				Amount to profit and loss	25,000	0	0
				Amount of marine fund at the end of the year.....	207,760	8	4
	£457,620 6 10				£457,620 6 10		

**COMMERCIAL UNION—Concluded.**

**PROFIT AND LOSS ACCOUNT.—From 1st January to 31st December, 1882.**

Dr.	£	s.	d.		£	s.	d.
To Balance of last year's account..	58,230	5	8	By dividend paid 15th March.....	37,500	0	0
Interest and dividends not carried to Departmental accounts.....	19,521	8	10	Interim Dividend paid 15th Sept....	12,500	0	0
From Investment Reserve Fund.....	5,000	0	0	Directors and auditors.....	8,315	0	0
" Profits of Marine Department	25,000	0	0	Expenses not carried to Departmental accounts.....	18,552	10	6
Transfer fees.....	37	10	0	Balance .....	39,921	14	0
	<u>£107,789</u>	<u>4</u>	<u>6</u>		<u>£107,789</u>	<u>4</u>	<u>6</u>

**BALANCE SHEET.**

31st December, 1882.

Dr.	£	s.	d.		£	s.	d.
To Shareholder's capital .....	250,000	0	0	By Life investments and outstanding accounts as per separate balance sheet .....	828,869	12	9
General Reserve Fund.....	200,000	0	0	Mortgages on property within the United Kingdom .....	156,713	7	6
Investment Reserve Fund.....	1,722	0	0	INVESTMENTS—			
Fire Fund.....	515,960	6	3	British Government securities.....	146,463	6	11
Life account as per separate balance sheet.....	828,869	12	9	Indian and Colonial Government securities.....	32,211	17	6
Marine Fund.....	207,760	8	4	Foreign Government securities... ..	34,450	10	6
Profit and loss account.....	30,921	14	0	*Canadian, United States, Belgian and Brazilian Government securities .....	304,367	19	4
Bills payable.....	4,651	5	2	Railway and other debentures and debenture stock.....	69,636	16	2
Unclaimed dividends.....	94	5	0	Railway and other preference stocks and shares.....	23,028	15	11
Fire deposits.....	54	19	4	Freehold offices, Cornhill, and branch premises.....	193,955	11	7
Survey fee.....	5	5	0	Office furniture.....	3,500	0	0
	<u>2,040,040</u>	<u>5</u>	<u>10</u>	Loans upon personal security.....	16,952	12	11
Outstanding fire losses.....	161,791	0	0	Branch and agency balances.....	182,583	16	2
Amounts due to other Companies..	4,097	9	10	Fire losses due from other companies.....	10,757	9	5
Outstanding marine losses.....	5,945	0	0	Outstanding marine premiums.....	20,998	12	10
	<u>171,833</u>	<u>9</u>	<u>10</u>	" Interest .....	2,118	18	9
				CASH—On deposit....	87,063	2	11
				Bankers current accounts.....	£81,571	0	6
				In hand.....	118	3	1
					<u>168,742</u>	<u>6</u>	<u>6</u>
				Bills receivable.....	15,888	19	11
				Stamps in hand.....	586	3	0
				Suspense account.....	46	18	0
	<u>£2,211,873</u>	<u>15</u>	<u>8</u>		<u>£2,211,873</u>	<u>15</u>	<u>8</u>

\*These are sums which, under local laws, or by contract, are specifically deposited in Canada and in foreign countries, as a security to holders of policies issued in such countries respectively.

**THE FIRE INSURANCE ASSOCIATION (LIMITED).**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—Col. KINGSNOTE, G.B., M.P. | *General Manager*—WM. P. CLIREHUGH.  
*Principal Office*—London, England.  
*Agent in Canada*—WM. ROBERTSON | *Head Office in Canada*—Montreal.  
 (Commenced business in Canada, December, 1880.)

CAPITAL.

Amount of capital authorized and subscribed for.....\$4,866,666 67  
 Amount paid up in cash..... 973,333 33

ASSETS IN CANADA.

Canada stock in deposit with Receiver General..... \$100,000 00  
 Cash on hand at head office in Canada..... 18 57  
 Cash in Bank of Montreal..... 4,679 36  
 Agents' balances..... 12,579 13  
 Office furniture (cash value \$1,600)..... 992 41

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Total assets in Canada..... \$118,269 47

LIABILITIES IN CANADA.

Reserve of unearned premiums for all outstanding risks in Canada..... \$62,657 14  
 Net amount of losses in Canada adjusted but not due..... \$4,734 00  
 do do claimed but not adjusted..... 4,631 00

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Total amount of unsettled claims for losses in Canada..... \$9,365 00

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Total liabilities in Canada..... \$72,022 14

INCOME IN CANADA.

Gross cash received for premiums..... \$122,129 34  
 Deduct re-insurance, rebate, abatement and return premiums..... 11,139 91

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Net cash received for said premiums..... \$110,989 43  
 \*Received for interest on deposit..... 4,000 00

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Total income in Canada..... \$114,989 43

EXPENDITURE IN CANADA.

Amount paid during the year for losses occurring in previous years  
 (which losses were estimated in the last statement at \$5,288.23)..... \$ 5,286 23  
 Amount paid for losses occurring during the year..... 70,281 69

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Total net amount paid during the year for losses in Canada..... \$75,567 92  
 Commission or brokerage in Canada..... 14,017 82  
 Salaries, fees and all other charges of officials in Canada..... 7,391 13  
 Taxes in Canada..... 912 25  
 Miscellaneous payments, viz.:—Adjustment expenses, \$450.39; advertising, \$998.49; postages and telegrams, \$1,757.06; printing and stationery, \$1,488.35; travelling expenses, \$577.69; sundry expenses, \$1,478.09..... 6,750 07

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Total expenditure in Canada.. \$104,639 19

\*Paid direct to the head office in London.

FIRE INSURANCE ASSOCIATION—*Continued.*

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	Amount.	Premiums thereon.
Policies taken during the year—new and renewed.....	\$13,196,510	\$134,708 47
Gross in force at the end of the year.....	\$11,180,478	\$123,407 61
Deduct re-insured.....	89,679	1,327 86
Net in force at 31st December, 1882.....	<u>\$11,090,799</u>	<u>\$122,079 75</u>
Total number of policies in force in Canada.....	No return	
Total amount in force.....	\$11,090,798 56	
Total premiums thereon.....	<u>122,079 75</u>	

Subscribed and sworn to, 12th March, 1883, by

WILLIAM ROBERTSON.

(Received, 13th March, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Statement, 1883.)

The Directors, in submitting their annual report and accounts to December 31, 1882, have to record not only a large increase in the premium-income, but likewise a year remarkable for numerous fires, many of exceptional amount, not confined to the United Kingdom, but extending all over the world. The fire premiums for the year are £224,472 4s. 9d., after deducting £50,747 14s. 3d. paid to other companies for re-insurance. The losses paid and outstanding for the same period amounted to £144,422 12s. 8d., or 64½ per cent. of the net premiums. The corresponding figures of 1881 were, net premiums, £141,702 4s. 7d., and losses, £65,946 8s. 2d., or 46½ per cent. The audited accounts are set forth below. After provision for all expenses, commissions, state and other taxes at home and abroad, there remains a balance at credit of the Company (including £32,499 13s. 5d. brought forward from 1881) of £43,572 4s. 2d. The funds of the Company will stand thus:—Paid-up capital, £200,000; reserve fund, £50,000; balance to 1883, £33,572 4s. 2d.; making a total of £283,572. 4s. 2d., besides an uncalled capital of £800,000, getting a total security of £1,083,572. The increased value of the securities has not been taken credit for, and the expenses of a preliminary character, due to the establishment and extension of important agencies, are all discharged in the year in which they are incurred.

*Income and Expenditure Account for the Year ending 31st December, 1882.*

	£	s.	d.		£	s.	d.
Balance forward from 1881.....	32,499	13	5	Losses paid and outstanding at December 31, 1882.....	144,422	12	8
Premiums.....	£275,219	19	0	Commissions, head office, home and foreign branches, including contingent commission, on 1881 business.....	36,336	11	1
Less re-insurances.....	50,747	14	3	General expenses, including salaries at head office and home and foreign branches, state and national taxes, rents, printing and stationery, &c.	43,350	10	5
Interest on investments, transfer fees, &c.....	11,438	18	7	Balance carried down.....	44,301	2	7
	<u>224,472</u>	<u>4</u>	<u>9</u>		<u>£268,410</u>	<u>16</u>	<u>9</u>
					<u>£268,410</u>	<u>16</u>	<u>9</u>



FIRE INSURANCE ASSOCIATION—*Concluded.*

Balance brought down.....	44,301	2 7	Income tax .....	728	18 5
			Ad-interim dividend for the half year ending June 30, 1882, at 5 per cent. per annum.....	5,000	0 0
			Balance carried to balance sheet.....	38,572	4 2
	<u>£44,301</u>	<u>2 7</u>		<u>£44,301</u>	<u>2 7</u>

BALANCE SHEET.

	£	s.	d.		£	s.	d.	£	s.	d.
Capital £1,000,000, in 100,000 shares of £10 each, paid-up £2 per share.	200,000	0 0		Investments, taken at cost price—						
Reserve fund .....	50,000	0 0		Bank stock.....	5,802	16 0				
Losses outstanding at December 31.....	£25,066	5 8		Railway preference, debenture, and or- dinary stocks.....	42,970	12 5				
Other liabilities.....	281	12 6		United States and other bonds.....	155,461	3 7				
			25,347	18 2	Canadian and other colonial bonds.....	55,361	2 3			
Balance from income and expenditure account, after payment of an ad- interim dividend for six months to June 30, 1882.....	38,572	4 2						259,595	14 3	
				Cash in hand and at banks, head office and home and foreign branches, current and deposit.....	21,976	17 2				
				Premiums in course of collection....	1,842	14 4				
				Outstanding interest.....	2,333	9 8				
				Branch and agents' and guarantee accounts outstanding.....	28,171	6 11				
	<u>£313,920</u>	<u>2 4</u>			<u>£313,920</u>	<u>2 4</u>				

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**THE GUARDIAN FIRE AND LIFE ASSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—JOHN G. TALBOT, M.P. | Secretary—T. G. C. BROWN.

Principal Office—London, England; Organized, 1821.

Agents in Canada—ROBERT SIMMS & Co. and GEORGE DENHOLM.

Head Office in Canada—Montreal.

(Commenced business in Canada, 1st May, 1869.)

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CAPITAL.

Amount of joint stock capital authorized and subscribed for.....	£2,000,000 stg.	\$9,733,333 33
Amount paid up in cash.....	1,000,000	4,866,666 67

ASSETS IN CANADA.

Bonds in deposit with Receiver General, viz. :—

	Par value.	Market value
Canada 4 per cent. guaranteed loan.....	\$41,366 67	\$43,435 00
Intercolonial Railway 5 per cent. guaranteed loan.....	53,533 33	58,886 67
Total par and market value.. .....	<u>\$94,900 00</u>	<u>\$102,321 67</u>

Carried out at market value .....	<u>\$102,321 67</u>
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LIABILITIES IN CANADA.

Reserve of unearned premiums for all outstanding fire risks in Canada	<u>\$43,756 10</u>
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Total liabilities in Canada.....	<u>\$43,756 10</u>
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INCOME IN CANADA.

Gross cash received for fire premiums.....	\$74,897 90
Deduct re-insurance, rebate, abatement and return premiums.....	3,802 87

Net cash received for fire premiums.....	<u>\$71,095 03</u>
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*Received for dividends on stock.....	5,017 17
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Total cash income in Canada.....	<u>\$76,112 20</u>
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EXPENDITURE IN CANADA.

Paid for losses occurring during the year.....	\$48,067 66
Deduct amount received for re-insurances .....	3,040 72

Net amount paid during the year for fire losses.....	<u>\$45,026 94</u>
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Commission.....	13,666 07
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Taxes.....	897 17
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Miscellaneous payments.....	986 76
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Total cash expenditure in Canada.....	<u>\$60,576 94</u>
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\* Deposited with Receiver General for fire, the interest of which is paid direct to the Head Office in London.

GUARDIAN FIRE AND LIFE—Continued.

RISKS AND PREMIUMS.			
<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement...	3,556	\$8,507,234	\$75,781 48
Taken during the year—new .....	1,772	4,865,366	40,069 44
Do, do, renewed.....	1,800	4,133,280	34,828 46
<b>Total .....</b>	<b>7,128</b>	<b>\$17,505,880</b>	<b>\$150,679 38</b>
Deduct terminated .....	3,119	7,933,405	61,984 33
<b>Gross in force at end of year...</b>	<b>4,009</b>	<b>\$9,572,475</b>	<b>\$88,695 05</b>
Deduct re-insured. ....	—	119,957	1,182 86
<b>Net in force at 31st December, 1882.....</b>	<b>4,009</b>	<b>\$9,452,518</b>	<b>\$87,512 19</b>
<b>Total number of policies in force in Canada at date..... 4,009</b>			
<b>Total net amount in force.....</b>			<b>\$9,452,518 00</b>
<b>Total premiums thereon.....</b>			<b>87,512 19</b>
Subscribed and sworn to, 13th March, 1883, by			

ROBERT SIMMS.

(Received 14th March, 1883.)

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1881.

(Abstracted from Directors' Report, 7th June, 1882.)

FIRE DEPARTMENT.

The fire premiums, after deducting re-insurances, amounted to £283,954 11s. 3d., being an increase of £21,357 over last year, and the losses to £209,650 15s. 10d., being 73·8 per cent. of the premiums. These heavy losses have not arisen from any special casualties, but have been spread more or less over the whole of the Company's business. After adding £9,500 to the premium reserve fund for unexpired policies, the fire account shows a balance of profit of only £1,238 9s 1d. The Directors recommend that, in addition to the above profit, a sum of £2,000 be transferred from the fire general reserve fund, which stood at £285,000, to the shareholders' account in aid of the dividend and bonus.

The premium reserve fund, to cover unexpired policies, now stands at £127,500, and the fire general reserve fund, thus reduced, at £283,000. There will be, therefore, an aggregate fund (apart from the shareholders' capital) of £410,500 to meet fire claims.

*Fire Assurance Revenue Account.*

£		s.		d.		£		s.		d.		
Amount of Fire Assurance Fund at the beginning of the year, viz :—						Profit paid to shareholders' account in 1881.....	27,666	16	7			
Proportion of profit appropriated to shareholders, 1st June, 1881.....	27,666	16	7			Losses by fire, after deduction of re-assurances.....	209,650	15	10			
General Reserve Fund	285,000	0	0			Expenses of management.....	37,024	18	2			
Premium reserve due to policies unexpired on 31st December, 1880.....	118,000	0	0			Commission.....	44,281	18	7			
						Agents' bad debts.....	50	14	6			
				430,666	16	7	Amount of fire assurance fund at the end of the year, as per separate balance sheet of the fire assurance fund, viz :—					
Premiums received, after deduction of re-assurances.....	283,954	11	3			Premium reserve due to policies unexpired on 31st December, 1881.....	127,500	0	0			
Interest and dividends.....	16,311	18	8			General reserve fund.	283,000	0	0			
Profit on sale of investment.....	1,530	6	3			To be transferred to Shareholders' account in aid of dividend and bonus for 1882.....	3,288	9	1			
										413,788	9	1
				<u>£792,463</u>	<u>12</u>	<u>9</u>				<u>£732,463</u>	<u>12</u>	<u>9</u>

GUARDIAN FIRE AND LIFE—Continued.

SHAREHOLDERS' CAPITAL REVENUE ACCOUNT.

	£	s. d.		s. d.
Amount of shareholders' capital account at the beginning of the year viz. —			Ad-interim dividend to shareholders paid in January, 1881 .....	
Shareholders capital paid up.....	£1,000,000	0 0	Dividend and bonus to shareholders paid in July, 1881 .....	£25,000 0 0
Balance available for dividends ...	54,517	11 10		45,000 0 0
				<u>70,090 0 0</u>
From fire funds—Proportion of profit of 1880 as per fire revenue account .....		27,666 16 7	Amount of shareholders' capital account at the end of the year, viz :—	
Interest and dividends.....		44,264 0 0	Shareholders' capital paid up .....	1,000,000 0 0
Transfer fees.....		26 10 0	Balance available for dividends.....	56,836 1 2
Profit realized on investment.....		361 2 9		<u>1,056,836 1 2</u>
				<u>£1,126,836 1 2</u>
	<u>£1,126,836</u>	<u>1 2</u>		

**GUARDIAN FIRE AND LIFE—Continued.**

**DR.** BALANCE SHEET of the Guardian Fire and Life Assurance Company on 31<sup>st</sup> December, 1881.

**CR.**

**FIRE DEPARTMENT.**

	£	s.	d.
Fire assurance fund as per fire revenue account.....	413,788	9	1
* Outstanding fire losses .....	34,628	0	0
* Re-assurance Premiums due to other Companies.....	9,637	14	4
* Commission due .....	1,550	0	0
* Expenses of management due .....	640	11	10

	£	s.	d.
<b>ASSETS.</b>			
Investments—			
British Government securities.....	75,310	5	8
Indian and Colonial Government securities.....	96,047	17	2
United States Government registered bonds.....	105,443	15	0
New London and Brazilian Bank, Rio Janeiro (Government deposit).....	1,020	0	0
Railway and other debentures and debenture stocks (British).....	51,613	15	11
Railway preference stock (British).....	20,579	12	4
Indian railway stocks, guaranteed by Indian Government.....	28,834	5	3
Salvage corps (share of houses).....	1,397	10	0
Agents' balances.....	34,273	13	0
Re-assurance premiums due from other companies.....	3,415	1	0
Outstanding interest, accrued but not due.....	5,868	12	3
Cash—On deposit .....	£	s.	d.
In hand and on current account.....	15,678	0	9
In hand and on current account.....	14,522	10	10
Bills receivable—Agents' & Branch office remittances.....	30,200	11	7
	6,239	16	1
	<u>£460,244</u>	<u>15</u>	<u>3</u>

\*These items are included in the corresponding items of the fire revenue account.

GUARDIAN FIRE AND LIFE—Concluded.

SHAREHOLDERS' CAPITAL ACCOUNT AND ANNUITY AND ENDOWMENT FUND ACCOUNT.

Shareholders capital paid up.....	£	1,000,000	0	0
Balance available for future dividends.....	56,836	1	2	
Total as per corresponding revenue account.....				
Annuity and endowment fund, as per corresponding revenue account.....	1,056,836	1	2	
*Unpaid dividends and bonuses to shareholders.....	4,587	13	4	
	4,539	7	9	

Mortgages on property within the United Kingdom.....	£	461,959	8	6
Mortgages of life interest, with policies.....	5,050	0	0	0

Investments:—				
Canadian Dominion bonds, guaranteed by British Government.....	93,311	11	0	
Colonial Government Securities.....	69,430	15	1	
United States Government registered bonds.....	60,421	13	0	
Indian railway debenture stock, guaranteed by Indian Government.....	25,000	0	0	
Railway and other debentures and debenture stock (British).....	187,221	8	3	
House property (freehold offices).....	31,965	0	0	
Terminable rent charges on land.....	26,158	10	2	
Charges on local and public rates.....	11,028	8	5	
Life interest and reversions purchased.....	20,381	1	1	
Leasehold ground rents.....	10,916	7	6	

Outstanding interest, accrued but not due.....	£	13,143	17	5
Outstanding interest in arrears...	1,123	4	1	
Cash—on deposit.....	40,000	0	0	
“ current account.....	8,852	17	10	

Life department.....	£1,065,963	2	3	
	1,415,481	12	5	
Grand total.....	£2,941,689	9	11	
	48,852	17	10	
	£1,065,963	2	3	
	1,415,481	12	5	
Grand total.....	£2,914,689	9	11	

\*This item is included in the corresponding item of the shareholders' capital revenue account.

NOTE.—In accordance with the Company's deed of settlement, the accounts of the life assurance fund, the fire assurance fund, and the shareholders' capital annuity and endowment funds are kept as distinct accounts, and the respective assets are invested in the names of separate sets of trustees.

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**HARTFORD FIRE INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—GEO. L. CHASE.

Secretary—C. B. WHITING.

Principal Office—Hartford, Conn., U.S. Organized, May, 1810.

General Agents in Canada—WOOD & EVANS, Montreal.

(Commenced business in Canada, 1836.)

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CAPITAL.

Amount of capital authorized.....	\$3,000,000 00
Paid up in cash.....	<u>1,250,000 00</u>

ASSETS IN CANADA.

Stock and bonds in deposit with Receiver-General:—

	Par value.	Market value.
United States Reg. 4½ per cent bonds.....	\$55,000 00	\$62,150 00
Ontario Bank stock, shares, 271.....	5,420 00	5,975 75
Bank of Montreal stock, shares 100.....	20,000 00	39,500 00
Total par and market value.....	<u>\$80,420 00</u>	<u>\$107,625 75</u>

Carried out at market value.....	\$107,625 75
Agents' balances.....	<u>2,223 27</u>

Total assets in Canada.....	<u>\$109,849 02</u>
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LIABILITIES IN CANADA.

Net amount of fire losses in Canada, adjusted but not due, and claimed but not adjusted.....	<u>\$2,063 85</u>
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Total net amount of unsettled claims for fire losses in Canada.....	\$ 2,063 85
Reserve of unearned premiums for all outstanding fire risks in Canada.....	<u>56,016 21</u>

Total liabilities in Canada.....	<u>\$58,080 06</u>
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INCOME IN CANADA.

Net cash received for fire premiums.....	\$103,355 12
do. interest and dividends.....	<u>3,585 00</u>

Total cash income in Canada.....	<u>\$106,940 12</u>
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EXPENDITURE IN CANADA.

Paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$4,510.33).....	\$ 3,734 83
Paid for fire losses occurring during the year.....	<u>52,818 87</u>

Total net amount paid during the year for fire losses.....	\$56,553 70
do for commission or brokerage.....	13,365 02
do for salaries, fees, &c.....	4,177 54
do for taxes in Canada.....	<u>667 20</u>

Total cash expenditure in Canada.....	<u>\$74,763 46</u>
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HARTFORD FIRE—*Continued.*

## RISKS AND PREMIUMS.

*Fire Risks in Canada.*

	No.	Amount.	Premiums.
Gross policies in force at date of last statement....	6,119	\$ 9,633,132	\$ 92,353 53
Taken during the year, new and renewed .....	8,215	10,575,775	103,355 12
Total.....	14,334	\$30,208,907	\$195,708 65
Deduct terminated.....	5,903	9,520,615	90,312 15
Gross and net in force at 31st December, 1882.....	8,431	10,688,292	105,396 50
Total number of policies in force in Canada at date.....	8,431		
Total net amount in force .....			\$10,688,292 00
Total premiums thereon.....			105,396 50

Subscribed and sworn to, 17th January, 1883, by

F. W. EVANS.

(Received, 18th January, 1883.)

## GENERAL BUSINESS.

(Statement for the Year ending 31st December, 1882, as returned to the Insurance Commissioner for the State of Connecticut.)

## ASSETS.

Real estate.....	\$ 654,675 60
Loans on bonds and mortgages.....	963,666 67
Interest accrued thereon.....	20,445 13
Stocks and bonds, par value, \$1,356,505; market value.....	1,777,355 55
Loans on stocks, bonds, &c.....	432,662 50
Interest due and accrued thereon.....	5,476 28
Cash in hand and in banks.....	168,750 61
Gross premiums in course of collection.....	295,624 99
Other assets.....	18,623 23
Total assets .....	<u>\$4,337,280 56</u>

## LIABILITIES.

Net amount of unpaid losses.....	\$ 240,544 17
Unearned premiums .....	1,463,495 62
Other liabilities .....	25,000 00
Total liabilities, excluding capital stock.....	<u>\$1,729,039 79</u>
Capital stock paid up in cash.....	\$1,250,000 00
Surplus beyond liabilities and capital stock.....	<u>1,358,240 77</u>



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**HARTFORD FIRE—Concluded.**
**INCOME.**

Net cash received for premiums .....	\$2,033,234 24
Interest and dividends.....	175,644 18
Other income.....	28,627 74
<b>Total cash income .....</b>	<b><u>\$2,237,506 16</u></b>

**EXPENDITURE.**

Net amount paid for losses.....	\$1,132,584 32
Dividends to stockholders.....	250,000 00
Commission or brokerage.....	296,984 07
Salaries, fees and other charges of officials.....	136,369 93
Taxes.....	33,274 93
Miscellaneous .....	179,139 79
<b>Total cash expenditure.....</b>	<b><u>\$2,028,353 04</u></b>

**RISKS, PREMIUMS.—FIRE RISKS.**

Written or renewed during the year—amount .....	\$198,861,902 00
Premiums thereon.....	2,239,484 54
Net in force, 31st December, 1882.....	237,918,573 00
Premiums thereon .....	<u>2,797,566 39</u>

Subscribed and sworn to, by

GEO. L. CHASE,

*President.*

C. B. WHITING,

*Secretary.*

HARTFORD, CONN., 11th January, 1883.

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**THE IMPERIAL INSURANCE COMPANY OF LONDON.**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—JAMES DALISON ALEXANDER. | General Manager—E. COZENS SMITH.  
 Principal Office—London, England. Organized, A.D. 1803.  
 Agents in Canada—RINTOUL BROS. | Head Office in Canada—Montreal.  
 (Commenced business in Canada, A.D. 1864.)

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**CAPITAL.**

Amount of joint stock capital authorized.....	£1,600,000 stg.	\$7,786,666 67
Amount subscribed for.....	1,200,000 "	5,840,900 00
Amount paid up in cash.....	700,000 "	<u>3,406,666 67</u>

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**ASSETS IN CANADA.**

Stocks and bonds held by the Company:—

	Par value.	Market value.
Canada 4 per cent. stock.....	\$ 51,587 00	\$ 53,650 12
do 5 do (inscribed 1885) .....	48,687 00	49,640 00
Total par and market value .....	<u>\$100,254 00</u>	<u>\$103,290 12</u>
Carried out at market value (deposited with Receiver-General).....		\$103,290 12
Cash on hand at head and branch offices in Canada.....		12,587 88
Total assets in Canada.....		<u>\$115,878 00</u>

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**LIABILITIES IN CANADA.**

Net amount of losses in Canada, due and yet unpaid .....	\$1,750 00
do do adjusted but not due .....	3,000 00
do do claimed but not adjusted .....	550 00
	<u>\$5,300 00</u>
Net amount of losses in Canada resisted—In suit.....	3,000 00
Total net amount of unsettled claims for fire losses in Canada .....	\$ 8,300 00
Reserve of unearned premiums for all outstanding fire risks in Canada.	102,569 18
Due and accrued for rent .....	95 00
Total liabilities in Canada.....	<u>\$110,964 18</u>

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**INCOME IN CANADA.**

Gross cash received for fire premiums.....	\$193,404 61
Deduct re-insurance, rebate, abatement and return-premiums .....	13,884 75
Net cash received for fire premiums.....	\$179,519 86
* Add dividends on stocks deposited with Receiver-General .....	5,003 40
Total cash income in Canada .....	<u>\$184,523 26</u>

\* These are paid direct to the head office in London.

**IMPERIAL—Continued.****EXPENDITURE IN CANADA.**

Paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$15,767.31.).....	\$16,414 40
Deduct amount received for re-insurances.....	5,546 28
Net amount paid for said losses.....	<u>\$10,867 42</u>
Paid for fire losses occurring during the year.....	\$93,804 22
Deduct savings and salvage.....	\$ 11 99
Deduct amount received for re-insurances.....	3,904 49
Total deductions.....	<u>3,916 48</u>
Net amount paid for said losses.....	<u><u>\$89,887 74</u></u>
<b>Total net amount paid during the year for fire losses in Canada.....</b>	<b>\$100,755 16</b>
Paid for commission or brokerage.....	28,750 52
do salaries, fees, &c.....	1,818 20
do taxes in Canada.....	1,579 28
Miscellaneous payments, viz.:—Postages, \$518.73; bank commission, \$265.26; telegrams, \$191.78; plans, \$701.00; advertising, \$685.50; stationery and printing, \$489.90; travelling expenses, \$203.42; rent, \$500.00; sundries, \$755.04.....	4,310 63
<b>Total cash expenditure in Canada.....</b>	<b><u><u>\$137,213 79</u></u></b>

**RISKS AND PREMIUMS.**

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement.....	8,964	\$17,878,751	\$189,569 60
Taken during the year—new.....	3,640	9,313,628	83,824 39
do do renewed.....	5,024	10,558,699	109,580 22
Total.....	<u>17,628</u>	<u>\$37,751,078</u>	<u>\$382,974 21</u>
Deduct terminated.....	8,028	18,263,713	173,372 72
Gross in force at end of year.....	9,600	\$19,487,365	\$209,601 49
Deduct re-insured.....		639,313	7,697 00
Net in force at 31st December, 1882.....	<u>9,600</u>	<u>\$18,848,052</u>	<u>\$201,904 49</u>
Total number of policies in force in Canada at date.....	9,600		
Total net amount in force.....		\$18,848,052 00	
Total premiums thereon.....			<u><u>201,904 49</u></u>

Subscribed and sworn to, 27th February, 1883, by

W. H. RINTOUL.

(Received, 7th March, 1883.)

**GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.****PROFIT AND LOSS.**

	£	s.	d.		£	s.	d.
Premiums received in 1882 on				Losses by fire.....	448,580	10	6
£218,395,556.....	677,067	11	11	Costs of administration.....	195,565	12	9
Interest on investments.....	61,403	18	9	Dividends paid to proprietors.....	84,000	0	0
				Difference on sales of investments.....	243	9	1
				Bad debts.....	3,062	9	11
				Balance carried down.....	9,019	8	5
	<u>£738,471</u>	<u>10</u>	<u>8</u>		<u>£738,471</u>	<u>10</u>	<u>8</u>

IMPERIAL—*Concluded.*

LIABILITIES.				ASSETS.					
				£	s.	d.	£	s.	d.
Rest 1803 to 31st December 1881....	£758,795	13	9	British Government securities.....	378,388	13	2		
Balance of profit and loss, 1803 to 31st December, 1882, bro't down.	9,019	8	5	Bank of England stock .....	24,907	16	3		
				City of London bonds.....	23,580	0	0		
				Metropolitan Board of Works stock.....	10,175	0	0		
Rest 1803 to 31st December, 1882, bro't down.....	£767,815	2	2	Dock bonds and stock.....	71,226	10	0		
Add capital stock, 1803 to 31st December, 1882, bro't down.....	700,000	0	0	General Steam Navigation Coy's debentures and preference shares.....	19,998	0	0		
	£1,467,815	2	2	Thirty "Imperial" fire Office shares.....	2,091	15	6		
Unsettled losses...£173,417	0	0		Railway debenture and preference stock.....	246,811	9	4		
Bills payable.....	5,033	18	6	Loans secured.....	36,150	0	0		
Unclaimed dividends.....	2,301	11	6	Freehold offices...£220,981	18	4			
Tradesmen's bills, &c.....	983	3	1	Leasehold houses.	7,093	2	9		
Commission and expenses due to agents.....	31,500	0	0		228,075	1	1		
				Indian Government securities.....	67,425	1	3		
				" railway stocks.....	39,520	12	6		
				British Colonial securities.....	194,540	7	4		
				United States .....	131,235	16	3		
				Compulsory foreign investments..	22,122	15	2		
					£1,496,248	17	10		
				Cash at bankers.....	21,340	12	3		
				Cash at bill brokers secured.....	20,000	0	0		
				Cash in Company's offices.....	166	11	8		
				Bills receivable.....	12,931	7	2		
				Due by agents and branches.....	126,993	14	0		
				Proportions of losses due from other companies.....	3,371	12	4		
					£1,681,050	15	3		
					£1,681,050	15	3		

(Signed)

E. COZENS SMITH,

*General Manager and Secretary.*

(Signed)

JOHN H. HALE,

F. A. BEVAN,

H. W. PRESCOTT,

CHAS. BUGGE PRICE, *Auditors.*

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**THE LANCASHIRE INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882,

(Exclusive of Business in British Columbia.)

General Manager—GEO. STEWART.

Principal Office—Manchester, England. Organized, 22nd June, 1852.

Agent in Canada—S. C. DUNCAN-CLARK.

Head Office in Canada—Canada Permanent Buildings, Toronto.

(Commenced business in Canada, July, 1864.)

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**CAPITAL.**

Amount of joint stock capital authorized.....	\$14,600,000 00
Amount subscribed for .....	13,140,000 00
Paid up in cash.....	<u>1,314,000 00</u>

**ASSETS IN CANADA.**

Loans secured by bonds and mortgages on which not more than one year's interest is due, constituting a first lien on real estate .....	\$3,000 00
Interest due and unpaid on said loans.....	\$92 45
Interest accrued and unpaid on do .....	73 45
Total interest carried out .....	165 90
Canada 5 per cent. stock in deposit with Receiver General—Par value, \$48,666.67; market value.....	50,613 33
Cash in deposit with Receiver General in Dominion Bank.....	51,333 33
Cash on hand at head office .....	6,359 07
Cash in Dominion Bank, Toronto .....	264 35
Interest accrued and unpaid on special deposit.....	733 08
Agents' balances.....	17,625 50
	<u>\$130,094 56</u>

**LIABILITIES IN CANADA.**

Net amount of fire losses in Canada unsettled but not resisted .....	\$7,947 52
Net amount of losses resisted :—	
In suit (accrued in previous years) .....	3,100 00
Not in suit.....	5,000 00
Total net amount of unsettled claims for fire losses in Canada.....	\$ 16,047 52
Reserve of unearned premiums for all outstanding fire risks in Canada.	124,926 72
Total liabilities in Canada.....	<u>140,974 24</u>

**INCOME IN CANADA.**

Gross cash received for fire premiums .....	\$229,902 29
Less re-insurance, rebate, abatement and return-premiums.....	21,362 84
Net cash received for premiums .....	\$208,539 45
Received for interest and dividends on stock.....	7,433 32
Interest on bank deposit.....	267 82
Total cash income in Canada.....	<u>216,240 59</u>

## LANCASHIRE—Continued.

## EXPENDITURE IN CANADA.

Paid during the year for losses occurring in previous years (which losses were estimated in the last statement at \$18,805.43).....	\$11,367 20
Amount paid for losses occurring during the year.....	110,508 56
<b>Total net amount paid during the year for fire losses in Canada.....</b>	<b>\$121,875 76</b>
Paid for commission or brokerage.....	39,252 05
do salaries, fees, and all other charges of officials in Canada.....	2,500 00
do taxes in Canada.....	1,541 32
Miscellaneous payments, viz: God's plans, \$638.93; stationery, \$337.67; Exchange, telegrams and postages, \$410.70; Insurance Exchange and Salvage corps, \$273.00; Fire Record and Mercantile Agency, \$150.00; Appraisals, St. John agency, \$50.30; Travelling expenses St. John agency, \$41.31; advertising, \$57.00; law expenses, \$58.88; sundries, \$111.81.....	2,179 60
<b>Total cash expenditure in Canada.....</b>	<b>\$167,348 73</b>

## RISKS AND PREMIUMS.

(British Columbia business not included.)

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement (including Scottish Commercial).....	14,860	\$21,977,905	\$248,750 52
Taken during the year—new.....	6,682	13,954,793	138,774 31
do do renewed.....	4,281	7,713,406	89,423 62
<b>Total.....</b>	<b>25,823</b>	<b>\$43,646,104</b>	<b>\$476,948 45</b>
Deduct terminated.....	11,213	20,945 853	215,314 09
Gross in force at end of year.....	14,610	\$22,700,251	\$261,634 36
Deduct re-insured.....		379,817	4,846 58
<b>Net in force at 31st December, 1882... ..</b>	<b>14,610</b>	<b>\$22,320,434</b>	<b>\$256,787 78</b>
<b>Total number of policies in force in Canada at date.....</b>	<b>14,610</b>		
<b>Total net amount in force.....</b>			<b>\$22,320,434</b>
<b>Total premiums thereon.....</b>			<b>256,787 78</b>

Subscribed and sworn to, 3rd March, 1883, by

WILLIAM BLIGHT.

(Received, 6th March, 1883.)

## GENERAL BUSINESS STATEMENT FOR YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Report, Manchester, 8th March, 1883.)

## FIRE BUSINESS.

The net fire premiums received during the year amounted to £624,156 0s. 4d. The claims for loss and damage by fire, together with the estimated amount to be paid for unadjusted losses reported to 31st December amounted to £459,762 14s. 1d. After providing for all claims, reported losses, expenses of management and re-insurances, there was an adverse balance of £314 0s. 3d., which has been charged to the profit and loss account,

## LANCASHIRE—Continued.

## DIVIDEND AND RESERVE FUNDS.

The interest and dividends on investments (exclusive of the interest on the Life Assurance Fund) amounted to £25,874 2s. 11d., from which the sum of £5,913 8s. 5d. for foreign state taxes and the small adverse balance on the fire account already mentioned have been paid, leaving a surplus balance available for dividend of £19,646 14s. 3d. A dividend at the rate of 20 per cent. per annum was declared and paid on 20th July last, and a further dividend at the rate of 10 per cent. on 20th January, 1883. These dividends absorbed the sum of £40,500, and necessitated taking the sum of £20,853 5s. 9d. from the reserve funds.

The general funds of the Company are now as under:—

Capital paid up.....	£270,000
Life Assurance Reserve Fund.....	597,450
Fire Insurance and Reserve Funds.....	379,863

Total.....£1,247,313

The Directors acquired during the year a portion of the business of the London and Staffordshire Co., and have paid the sum of £6,696 7s. 8d. in connection therewith, but as these accounts cannot be closed for some months they will be dealt with in next year's accounts.

## FIRE ACCOUNT.

Premiums received after deduction of re-assurances.....	£624,156	0	4	Losses by fire after deduction of re-assurances.....	£453,762	14	1
Profit and loss account.....	314	0	3	Expenses of management.....	70,782	16	10
				Commission.....	93,924	9	8
	<u>£624,470</u>	<u>0</u>	<u>7</u>		<u>£624,470</u>	<u>0</u>	<u>7</u>

## PROFIT AND LOSS ACCOUNT.

Balance of last year's account.....	£400,716	1	4	Dividends to shareholders, including that due 20th January, 1883..	£40,500	0	0
Interest and dividends.....	25,874	2	11	Foreign State taxes.....	5,913	8	5
				Balance on fire account.....	314	0	3
				Fire insurance fund. £230,000	0	0	
				General reserve fund	149,862	15	7
					<u>379,862</u>	<u>15</u>	<u>7</u>
	<u>£426,590</u>	<u>4</u>	<u>3</u>		<u>£426,590</u>	<u>4</u>	<u>3</u>

LANCASHIRE—*Concluded.*

## BALANCE SHEET ON THE 30TH DECEMBER, 1882.

LIABILITIES.		ASSETS.	
Shareholders' capital.....	£270,000 0 0	Mortgages on property within the	
Fire insurance and reserve fund.....	379,862 15 7	United Kingdom.....	£604,239 7 5
Life assurance fund.....	597,450 15 6	Loans on the Company's policies....	22,753 15 6
		Investments—	
	£1,247,313 11 1	In Colonial Govern-	
Claims under life		ment securities.....	£ 20,549 5 5
policies admitted,		In Foreign Govern-	
but not yet paid....	£12,128 14 0	ment securities....	299,099 0 4
Outstanding fire losses	85,060 1 1	Railway and other	
Dividends due to		debentures and	
shareholders, includ-		debenture stocks..	101,466 5 1
ing that payable		Railway preference	
20th January, 1883.	15,932 6 0	and other shares..	37,414 2 2
Scottish Commercial—		House property and	
Prepaid shares, due 1884.....	5,670 0 0	land.....	57,859 10 0
			516,388 3 0
		Loans on personal security.....	720 0 0
		Agents' and branch office balances..	164,236 10 4
		Outstanding premiums at head office	2,257 18 6
		Interest accrued.....	10,859 18 7
		Cash at bankers.....	£14,279 6 4
		Ditto on deposit.....	30,204 8 10
		Bills on hand.....	665 5 8
			45,149 0 10
			£1,366,104 12 2
			£1,366,104 12 2



**THE LIVERPOOL AND LONDON AND GLOBE INSURANCE COMPANY.**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—H. B. GILMOUR, Esq. | *Secretary*—JOHN M. DOVE.

*Agent in Canada*—G. F. C. SMITH.

*Principal Office*—Liverpool. | *Head Office in Canada*—Montreal.

Organized 21st May, 1836.

(Commenced business in Canada, 4th June, 1851.)

CAPITAL.

Amount of joint stock capital authorized and sub- scribed for.....	£2,000,000 stg.	\$9,733,333 33
Amount paid up in cash .....	245,640 "	<u>1,195,448 00</u>

ASSETS IN CANADA.

Real estate (less encumbrances) in Canada held by the Company, viz. :—

The Company's buildings, St. James street, corner of Place d'Armes Square, Montreal .....		\$ 96,846 45
Loans secured by bonds and mortgages on real estate in Canada (first lien) .....		440,506 08
Interest due and unpaid on said loans .....	\$ 951 67	
do accrued do .....	5,248 06	
Total interest carried out .....		6,197 73

Stocks and bonds, viz. :—

	Par value.	Market value.
Toronto City debentures, 6 per cent .....	\$ 6,000 00	\$ 6,540 00
Dominion debentures, May, 1883, 5 per cent .....	3,000 00	3,000 00
Province of Quebec bonds, 5 per cent .....	7,000 00	7,000 00
Montreal Harbor bonds, 6 per cent. ....	10,000 00	11,100 00

Montreal City debentures, 6 per cent., viz. :—

Ordinary Municipal—May, 1885 .....	\$ 6,000 00	\$ 6,150 00
do do Nov., 1891 .....	1,000 00	1,075 00
Waterworks do 1891 .....	2,000 00	2,150 00
Fire Telegraph May, 1887 .....	8,000 00	8,360 00
Drill Shed do 1891 .....	10,000 00	10,750 00
Protestant School Board bonds, Montreal—Jan., 1893. ....	20,000 00	21,600 00
do do do 1906. ....	10,000 00	11,100 00

Total par and market value ..... \$83,000 00 \$88,825 00

Carried out at market value (all with the exception of the Quebec bonds, \$7,000, being deposited with Receiver General on account of fire and life) .....	88,825 00
Loans on life policies, being within the amount of their surrender value when the loans were made .....	1,551 94
Cash on hand in head office in Canada.....	97 30

## LIVERPOOL AND LONDON AND GLOBE—Continued.

## Cash in banks, viz.:—

Bank of Montreal, Montreal.....	\$28,444 51	
do St. John, N.B.....	1,538 87	
Bank of Montreal at credit of Receiver General.....	50,000 00	
Exchange Bank at credit of Receiver General.....	25,000 00	
Federal Bank at credit of Receiver General.....	17,500 00	
<b>Total.....</b>		<b>122,483 08</b>
Interest due and unpaid on stocks.....	1,771 39	
Agents' and other balances in Canada.....	3,884 04	
Office furniture, public clock, maps, plans, &c, at Montreal office and St. John, N.B., branch office (estimated).....	2,000 00	
<b>Total assets in Canada.....</b>		<b>\$764,163 01</b>

## LIABILITIES IN CANADA.

Net amount of losses in Canada claimed, but not adjusted.....	\$1,300 00	
<b>Total net amount of unsettled claims for fire losses in Canada.....</b>		<b>\$ 1,300 00</b>
Reserve of unearned premiums for all outstanding fire risks in Canada.....	115,197 87	
Re-insurance fund under the Life Insurance Department in Canada.....	50,000 00	
Due and accrued for salaries, rent and general expenses.....	1,036 73	
<b>Total liabilities in Canada.....</b>		<b>\$167,534 60</b>

## INCOME IN CANADA.

Gross cash received for fire premiums.....	\$174,726 97	
Deduct re-insurance, rebate, abatement and return-premiums.....	12,765 27	
<b>Net cash received for fire premiums.....</b>		<b>\$161,961 70</b>
Received for interest on bonds and mortgages.....	30,571 57	
Received for interest and dividends on stocks on all other sources.....	9,215 13	
Income from other sources (rents).....	4,450 76	
<b>Total cash income in Canada.....</b>		<b>206,199 16</b>

## EXPENDITURE IN CANADA.

Paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$2,359.60).....	\$2,170 20	
Paid for losses occurring during the year.....	\$109,444 90	
Less received for re insurance.....	4,549 90	
<b>Net amount paid during the year for said losses.....</b>		<b>\$104,904 00</b>
<b>Total net amount paid during the year for fire losses in Canada.....</b>		<b>\$107,074 20</b>
Commission or brokerage.....	11,978 32	
Salaries, fees and all other charges of officials.....	15,775 11	
Taxes in Canada.....	1,684 90	
Miscellaneous payments, viz.:—Advertising, \$1,644.16; rent, \$1,800; repairs, \$169.28; coal and gas, \$395.42; travelling, \$455.69; printing, \$708.44; fire brigade, \$45; postage, \$827.94; exchange, \$136.35; office expenses, \$220.94; law charges, \$36.50; surveys, \$817.50; underwriters, \$412.61; sundries, \$71.96.....	7,240 89	
<b>Total expenditure in Canada.....</b>		<b>\$143,753 42</b>

## LIVERPOOL AND LONDON AND GLOBE—Continued.

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement...	11,337	\$26,145,477	\$225,023 15
Taken during the year—new .....	4,034	9,179,163	74,822 43
do renewed .....	5,078	11,778,466	98,430 44
<b>Total .....</b>	<b>20,449</b>	<b>\$47,103,106</b>	<b>\$398,276 02</b>
Deduct terminated .....	9,007	19,741,071	158,798 50
<b>Gross in force at end of year .....</b>	<b>11,442</b>	<b>\$27,362,035</b>	<b>\$239,477 52</b>
Deduct re-insured .....	.....	851,012	7,102 82
<b>Net in force at 31st December, 1882 ..</b>	<b>11,442</b>	<b>\$26,511,023</b>	<b>\$232,374 70</b>

Total number of policies in force in Canada at date..... 11,442  
 Total net amount in force..... \$26,511,023  
 Total premiums thereon..... 232,374 70

Subscribed and sworn to, 28th February, 1883, by

G. F. C. SMITH.

(Received 1st March, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Report, Liverpool, 18th May, 1883.)

## FIRE DEPARTMENT.

The excessive competition for fire business which continues to prevail, and has spread to most parts of the world, reducing the rates obtainable to a point giving no margin for profit on certain classes of risks, and but a meagre one on others, renders it difficult, even with the greatest care in selection of risks, to conduct the business with a profitable result. Under these circumstances it is only with a business sufficiently large to give a fair average that any appreciable result can be expected, as only a small ratio of profit to income is probable.

The premium income on the fire business of the Company during the year, after deducting the sums paid for re-insuring surplus risks, amounts to £1,171,571, being an increase of £33,557 over that of last year. The losses, inclusive of a full provision for all claims that arose prior to the close of the year, amount to £751,813. The account, without the addition of interest, shows a surplus of £67,030, and with interest of £153,006.

The profit and loss account, after paying the Globe Perpetual Annuities for 1882, leaves a balance of £234,044. It is proposed to pay out of this amount a dividend for the year of 12s. per share, together with a bonus of 8s. per share, leaving £111,224 of undivided surplus to be carried over to next year. On the 22nd of November last an interim payment of 6s. was made on account, and it is proposed to issue warrants for the balance, viz.: 14s. per share, payable on the 22nd instant.

The funds of the Company will now stand as follows:—

Capital (paid up).....	£ 245,640
General Reserve and Fire Re-insurance Fund.....	1,500,000
Balance of profit and loss after payment of the dividend and bonus for 1882.....	111,224
Globe Perpetual Annuity Fund.....	1,102,800
Life and Annuity Funds.....	3,422,078

## LIVERPOOL AND LONDON AND GLOBE—Continued.

## REVENUE ACCOUNTS.

## FIRE ACCOUNT.

Premiums received after deduction of re-assurances.....	£1,171,571 16 4	Losses by fire after deduction of re-assurances.....	£751,813 0 9
		Expenses of management.....	151,947 15 4
		Commission.....	180,977 10 6
		Other payments, viz. :—	
		Contributions to fire brigades at home and abroad.....	£ 6,605 18 0
		State taxes (foreign)....	13,197 7 5
			19,803 3 5
		Balance carried to profit and loss.....	67,030 6 4
	<u>£1,171,571 16 4</u>		<u>£1,171,571 16 4</u>

## CAPITAL SUM INSURANCE FUND.

Amount of fund at the beginning of the year.....	£3,869 2 1	Amount of fund at the end of the year..	£4,108 11 0
Premiums received during year	70 15 6		
Interest.....	168 13 5		
	<u>£4,108 11 0</u>		<u>£4,108 11 0</u>

## PROFIT AND LOSS ACCOUNT.

Balance of last year's account.....	£167,062 17 4	Amount paid to Globe six per cent. perpetual annuities in 1882.....	£49,626 0 0
Interest and dividends not carried to other accounts..	134,361 9 7	Less income tax..	1,240 13 0
Surplus from fire account.....	67,030 6 4		£48,385 7 0
		Balance of dividend for 1881, paid 22nd May, 1882.....	85,974 0 0
		Exchange.....	51 3 6
		Balance—	
		Interim dividend for the year 1882, paid 22nd Nov.....	£36,846 0 0
		Carried to next year's account.....	197,198 2 9
	<u>£368,454 13 3</u>		234,044 2 9
			<u>£368,454 13 3</u>

## LIVERPOOL AND LONDON AND GLOBE—Continued.

BALANCE SHEET ON THE 31ST DECEMBER, 1882.

## LIABILITIES.

Shareholders' capital as stated in the accounts for 1872.....	£391,752	0	0	
Deduct stock issued to Trustees by authority of the Liverpool and London and Globe Insurance Company's Act, 1864, and held by them in trust for the Company.....	146,112	0	0	
				£245,640 0 0
<b>Life Assurance Fund—</b>				
Liverpool and London and Globe.....	£2,495,828	6	5	
Globe.....	£385,920	17	0	
				2,881,749 3 5
<b>Annuity Fund—</b>				
Liverpool and London and Globe.....	£521,362	0	8	
Globe.....	18,947	7	7	
				540,329 8 3
General reserve and fire re-insurance fund.....				1,500,000 0 0
Profit and loss.....				197,198 2 9
<b>Other funds, viz.—</b>				
Capital sum insurance fund.....				4,108 11 0
Investment fluctuation fund.....				74,656 14 3
Permanent fire policy deposit fund.....				65,625 8 0
Liability to the Globe Annuitants, viz., £49,626 per annum, payable in perpetuity to Globe six per cent. annuitants, and not entailing upon the Company any liability to redeem, the payment of the annuity being collaterally secured by the Guarantee Fund of one million sterling, included in the enumeration of assets in this schedule, valued at.....	£1,102,800	0	0	
<b>Claims under life policies admitted but not paid—</b>				
Liverpool and London and Globe.....	46,466	11	8	
Globe.....	14,862	8	3	
Outstanding fire losses.....	148,520	0	0	
<b>Other sums owing by Company—</b>				
Bills payable.....	27,463	12	9	
Dividends due and unpaid.....	1,638	13	8	
Amount owing to fire insurance companies.....	26,565	6	2	
Current accounts owing by Company.....	4,793	4	9	
				1,371,109 17 3
	£419,730	12	10	
				£6,880,417 4 11

LIVERPOOL AND LONDON AND GLOBE—*Concluded.*

## ASSETS.

*Liverpool and London and Globe.*

Mortgages on property within the United Kingdom.....	£909,032	15	11	
Mortgages on property out of the United Kingdom.....	452,637	1	7	
Loans on the Company's policies.....	130,811	8	0	
<b>Investments—</b>				
In British Government securities.....	58,902	19	10	
United States Government and State securities.....	499,298	3	6	
United States Municipal securities.....	61,653	1	11	
Colonial Government and State securities.....	75,980	7	5	
Colonial Municipal securities.....	66,796	6	9	
Railway and other debentures and debenture stocks.....	918,481	8	0	
Railway stocks (of which £13,125 17s. 9d. is ordinary).....	1,369,547	12	0	
House property, including offices partly occupied by the Company.	549,784	6	8	
Land.....	12,370	11	8	
Ground rents.....	30,027	13	6	
Life interests and annuities.....	£176,444	11	3	
Reversions.....	50,276	5	11	
		<b>226,720</b>	<b>17</b>	<b>2</b>
Agents' balances				
Outstanding premiums	{ Being the uncollected portion of the Revenue of the last quarter, ending on the date to which these accounts are made up; since collected }	80,775	4	11
		94,028	4	1
		<b>174,803</b>	<b>9</b>	<b>0</b>
Outstanding interest, accrued but not due.....		56,214	6	2
<b>Cash—</b>				
On deposit.....	£227,598	12	7	
In hand and on current account with bankers.....	199,337	7	5	
		<b>426,936</b>	<b>0</b>	<b>0</b>
<b>Other assets—</b>				
Loans on life interests, annuities, and reversion.....	115,700	0	0	
Loans on railway and other debenture bonds, shares and other stocks.....	203,489	1	7	
Loans to local boards and Counties in United Kingdom.....	156,795	4	9	
Loans on personal security.....	<i>nil.</i>			
Amounts owing to the Company.....	4,788	16	8	
		<b>480,688</b>	<b>13</b>	<b>0</b>

*Globe.*

Mortgages on property within the United Kingdom.....	£233,906	0	0	
Loans on the Company's policies.....	2,815	0	0	
Loans to local boards and Counties in United Kingdom.....	21,474	13	5	
House property, including offices partly occupied by the Company.	88,899	11	6	
Annuities, the property of the Company.....	42,033	4	3	
Railway and other debentures and debenture stocks.....	20,000	0	0	
Reversion.....	10,808	3	8	
		<b>419,730</b>	<b>12</b>	<b>10</b>
	<b>£419,730</b>	<b>12</b>	<b>10</b>	
		<b>£6,880,417</b>	<b>4</b>	<b>11</b>

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THE LONDON AND LANCASHIRE FIRE INSURANCE COMPANY OF  
LIVERPOOL, ENGLAND.

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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

*Chairman*—DUNCAN GRAHAM. | *Manager*—CHARLES G. FOTHERGILL.  
*Principal Office*—Liverpool, England.  
 Organized or Incorporated, 10th December, 1861.  
*Agent in Canada*—F. A. BALL. | *Head Office in Canada*—Toronto.  
 (Commenced business in Canada, 1st April, 1880.)

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CAPITAL.

Amount of joint stock capital authorized and subscribed		
for .....	£1,847,500	\$8,991,166 67
Amount paid up in cash .....	184,750	899,116 67

ASSETS.

*Stocks and Bonds held by the Company :—*

	Par value.	Market value.
Canada 4 per cent. stock .....	\$102,200 00	\$102,200 00
In deposit with Receiver-General .....		\$102,200 00
Cash on hand at head office.....		147 93
Cash in Dominion Bank, Toronto.....		12,035 93
Agents' balances in Canada .....		5,124 25
Total assets .....		\$119,508 11

LIABILITIES.

Net amount of losses adjusted but not due.....	\$1,603 90	
do claimed but not adjusted.....	7,808 32	
Total net amount of unsettled claims for fire losses in Canada .....		\$ 9,406 32
Reserve of unearned premiums for all outstanding risks in Canada.....		58,654 30
Total liabilities in Canada.....		\$68,060 62

INCOME.

Gross cash received for premiums .....	\$143,452 06	
Deduct re-insurance, rebate, abatement and return-premiums .....	38,255 48	
Net cash received for premiums .....		\$105,196 58
Interest on stock, &c., paid direct to head office.....		4,088 00
Interest on bank account.....		255 66
Total income in Canada.....		\$109,540 24

LONDON AND LANCASHIRE FIRE—*Continued.*

## EXPENDITURE.

Amount paid for losses occurring during the year .....	\$37,762 94
Deduct amount received for re-insurance .....	7,226 42
Net amount paid for losses in Canada.....	\$30,536 52
Commission or brokerage .....	20,758 00
Salaries, fees and all other charges of officials in Canada.....	2,595 90
Taxes .....	840 74
All other payments in Canada, viz.: Supplies, \$2,303.66; tariff, \$95.10; miscellaneous, \$111.70; advertising, \$61.25; postage, \$95.37; travelling expenses, \$49.15 .....	2,716 83
<b>Total expenditure in Canada.....</b>	<b>\$57,447 99</b>

## RISKS AND PREMIUMS.

	No.	Amount.	Premiums.
Gross policies in force at date of last statement .....	1,891	\$ 2,574,299	\$ 30,700 67
Policies taken during the year—new .....	10,947	12,287,551	136,979 69
do do renewed .....	558	905,457	10,622 75
<b>Total .....</b>	<b>13,396</b>	<b>\$15,767,307</b>	<b>\$178,303 11</b>
Deduct terminated .....	2,841	5,192,617	44,990 51
<b>Gross in force at end of year .....</b>	<b>10,755</b>	<b>\$10,574,690</b>	<b>\$133,312 60</b>
Deduct re-insured .....		2,374,519	29,192 37
<b>Net in force at 31st December, 1882..</b>	<b>10,755</b>	<b>\$8,200,171</b>	<b>\$104,120 23</b>

Total number of policies in force in Canada at date .....	10,755
Total net amount in force.....	\$8,200,171 00
Total premiums thereon. ....	104,120 23

Subscribed and sworn to, 28th February, 1883, by

FRED A. BALL.

(Received, 2nd March, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Report, Liverpool, 26th April, 1883.)

The net fire premiums received during the past year, after deducting those paid to other Companies for re-insurances, amounted to £490,001 6s. 7d.

The net losses, including ample estimates for all fires occurring up to 31st December last, and not settled at that date, amounted to £343,151 10s. 7d.

After deducting all commissions and expenses, depreciations and other charges, and including interest on investments and other receipts, the year's working shows a balance to the credit of the Company of £22,023 4s. 11d. The addition of this sum to the balance of £22,918 15s. 11d., brought forward from last account, makes a total of £44,942 0s. 10d. to be now dealt with.

The Directors propose to pay on 4th proximo a dividend (free of income-tax) of 2s. 6d. per share, or 5 per cent. on the paid-up capital, which will absorb £9,260. After providing for this charge, the financial position of the Company will stand as follows:—

Capital (fully subscribed).....	£1,852,000	0	0
Of which is paid up.....	185,200	0	0
Reserve fund.....	210,000	0	0
General fund.....	35,682	0	10



**LONDON AND LANCASHIRE FIRE—Concluded.**

**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST DECEMBER, 1882.**

	£	s.	d.		£	s.	d.
Fire premiums (less re-insurances).....	490,001	6	7	Fire losses paid and outstanding....	343,151	10	7
Interest on investments, &c.....	18,975	2	9	Commission.....	78,515	8	5
				Income tax, and foreign and colonial state taxes.....	6,407	3	6
				Management, office expenses at head office, branches and abroad.....			
				Directors' remuneration and all other outgoings.....	53,679	1	11
				Balance carried to General Fund.....	22,023	4	11
	<u>£508,976</u>	<u>9</u>	<u>4</u>		<u>£508,976</u>	<u>9</u>	<u>4</u>

**BALANCE SHEET, 31ST DECEMBER, 1882.**

LIABILITIES			ASSETS		
	£	s. d.		£	s. d.
Capital—74,080 shares of £25 each £2 10s. per share paid.....	185,200	0 0	Buildings owned by the Company in Lon- don, Bristol, Dublin, and Manchester, un- encumbered.....	£59,864	16 4
Fire claims in course of adjustment.....	61,447	8 3	Part-ownership in various salvage corps premises.....	3,115	14 1
Dividends unclaimed.....	10	0 0	Office furniture—Liverpool, London, and branches.....	4,694	16 1
Bills payable.....	9,118	3 4	Cash at bankers, on deposit and on current accounts.....	42,189	19 0
Balance of re-insurance accounts with other fire offices.....	8,950	12 9	Bills receivable.....	9,681	16 4
Foreign agents' balance and sundry other creditors.....	8,133	6 10	British railway pre- ference stock.....	£83,210	16 9
Reserve Fund.....	210,000	0 0	East Indian railway annuity.....	6,606	15 11
General Fund—			United States funded loans.....	220,916	16 1
Balance from last ac- count, less dividend in accordance with resolution passed at general meeting held 27th April, 1882.....	£22,918	15 11	Canada four per cent. inscribed stock.....	20,277	15 0
Add balance at cred- it of income and expenditure ac- count for 1882.....	22,023	4 11	Italian and French five per cent. rentes.....	4,972	13 4
	<u>44,942</u>	<u>0 10</u>		<u>335,984</u>	<u>17 1</u>
			Loans on English rail- way stocks and other first-class securities, with ample margins (first liens).....	7,040	0 0
			Mortgages on first- class residential pro- perty, Liverpool (first liens).....	8,900	0 0
				<u>15,940</u>	<u>0 0</u>
			Home branches and agents' balances....	22,677	15 8
			Foreign branches and agents' balances....	26,689	4 9
			Outstanding direct premiums.....	4,331	19 11
			Accrued interest and sundry debtors.....	2,739	12 9
	<u>£527,801</u>	<u>12 0</u>		<u>£527,801</u>	<u>12 0</u>

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**THE LONDON ASSURANCE CORPORATION OF LONDON, ENGLAND.**


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**STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.**

*Governor*—WILLIAM RENNIE, Esq. | *Secretary*—JOHN P. LAURENCE.  
*Principal Office*—No. 7 Royal Exchange, London, E.C. Incorporated, A.D., 1720.  
*Agent in Canada*—C.C. FOSTER | *Head Office in Canada*—Montreal.  
 Commenced business in Canada, 1862.

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**CAPITAL.**

Amount of capital authorized and subscribed for .....	\$4,363,213 00
Amount paid up in cash.....	<u>2,181,606 50</u>

**ASSETS IN CANADA.**

	Par value.	Market value.
Montreal Corporation Stock .....	\$167,000	\$178,690 00
*Total assets in Canada and deposited with the Receiver-General.....		<u>\$178,690 00</u>

**LIABILITIES IN CANADA.**

Reserve of unearned premiums for all outstanding fire risks in Canada.	\$37,406 09
Re-insurance reserve under Life Department.....	<u>4,000 00</u>
Total liabilities in Canada.....	<u>\$41,406 09</u>

**INCOME IN CANADA.**

Gross Cash received for fire premiums .....	\$73,900 77
Deduct re-insurance, rebate, abatement and return premiums .....	<u>7,324 98</u>
Net cash received for fire premiums.....	\$66,575 79
Interest on deposit with Receiver-General, \$150,000, paid to head office, England .....	<u>7,500 00</u>
Total cash income in Canada.....	<u>\$74,075 79</u>

**EXPENDITURE IN CANADA.**

Paid for fire losses occurring during the year.....	\$35,709 57
Less re-insurance .....	<u>2 98</u>
Total net amount paid during the year for fire losses in Canada.....	\$35,706 61
Paid for commission or brokerage.....	12,950 36
Paid for taxes in Canada.....	923 11
All other payments in Canada.....	<u>839 37</u>
Total cash expenditure in Canada.....	<u>\$50,419 44</u>

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\*\$59,500 of this is on account of Life Branch:

## LONDON ASSURANCE CORPORATION—Continued.

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Taken during the year—new.....	1,617	\$5,204,854	\$37,666 17
do renewed.....	1,453	4,333,260	36,234 60
Gross in force at end of year.....	3,225	\$8,553,134	\$78,325 41
Deduct re-insured.....	.....	396,997	3,513 23
Net in force at 31st December, 1882.....	3,225	\$8,156,137	\$74,812 18

Total number of policies in force in Canada at date.....3,225  
 Total net amount in force.....\$8,156,137 00  
 Total premiums thereon..... 74,812 18

Subscribed and sworn to, 16th March, 1883, by

C. C. FOSTER.

(Received, 17th March, 1883.)

GENERAL BUSINESS STATEMENT FOR YEAR ENDING 31ST DECEMBER, 1882.  
(Abstracted from Directors' Report, London, 1883.)

FIRE ACCOUNT.

1881.	£	s.	d.	£	s.	d.
Dec 31.	Amount of fire insurance fund at this date.....	415,864	9	2	185,883	11
1882.					47,804	10
Dec 31.	Premiums after deduction of re-assurances and returns.....	304,628	2	1	48,606	6
	Interest and dividends.....	£15,863	0	4	124	2
	Less income tax.....	289	13	0	23,083	11
					430,623	16
					£736,045	18
					7	

MARINE ACCOUNT.

1881.	£	s.	d.	£	s.	d.
Dec 31.	Amount of Marine insurance fund at this date.....	94,157	15	2	139,398	7
1882.					10,010	19
Dec 31.	Premiums after deduction of brokerage, discount and re-assurances.....	145,721	19	4	16,665	3
	Interest and dividends.....	£3,538	1	8	1,314	14
	Less income tax.....	64	12	2	0	17
					8,527	18
					66,193	2
					£241,951	4
					0	

PROFIT AND LOSS ACCOUNT.

1881.	£	s.	d.	£	s.	d.
Dec 31.	Balance of account at this date.....	167,411	14	2	107,588	0
1882.						
Dec 31.	Interest and dividends not carried to other accounts.....	£35,198	0	5	1,291	13
	Less income tax.....	641	5	8	134,903	15
	Profit on life assurance account.....	34,456	14	9		
	do fire account.....	14,535	3	0		
	do marine account.....	23,053	11	6		
	do realization of securities.....	8,527	18	7		
		798	7	6		
					£243,783	9
					6	

LONDON ASSURANCE CORPORATION.—*Concluded.*

## BALANCE SHEET 31st DECEMBER, 1882.

LIABILITIES.			ASSETS.		
	£	s. d.		£	s. d.
Shareholders' capital, £896,550, of which is paid up .....	448,275	0 0	Mortgages on property within the United Kingdom .....	£1,152,953	9 7
General Reserve fund .....	310,000	0 0	Loans upon parliamentary rates and rent charges .....	1,082,000	16 2
Life assurance funds .....	1,818,700	14 7			
Fire fund .....	430,623	16 6			
Marine Fund .....	66,133	2 10			
Profit and loss .....	134,905	15 10			
	<u>3,268,638</u>	<u>9 9</u>		<u>2,234,954</u>	<u>5 9</u>
Claims under life policies admitted but not yet paid .....	£20,370	17 0	Mortgages on property out of the United Kingdom .....	Nil.	
Outstanding fire losses .....	46,712	12 9	Loans on the Corporation's life policies .....	43,954	10 0
Marine losses .....	1,065	0 0	Loans on railway and other securities .....	35,700	0 0
Annuities .....	167	3 9	Investments—In British Government securities, viz. :—		
Dividends to shareholders .....	8,279	5 0	£346,000 9s 2d. (3 p. c. stocks), valued at .....	£311,400	8 3
Income tax .....	612	17 2	Turkish 4 p. cent. guaranteed bonds .....	22,900	0 0
Fire premiums due to other companies .....	47	11 3			
Clerks' savings' fund .....	2,618	14 11	Indian and Colonial securities...	334,300	8 3
Provision for contested claim made by surveyor of taxes in respect of income tax .....	3,664	15 6	Foreign securities, viz. :—United States registered bonds .....	242,983	3 5
	<u>83,538</u>	<u>17 4</u>	Railway and other debentures and debenture stocks .....	16,886	5 10
			Railway preferred and ordinary stocks .....	58,936	14 6
			Municipal corporation stocks .....	40,420	19 8
			House property .....	7,839	2 6
			Reversions and life interests .....	81,126	7 3
			Loans upon personal security .....	Nil.	
			Agents' balances .....	32,715	11 1
			Outstanding premiums .....	17,576	2 11
			do interest .....	3,618	15 4
			Fire premiums due by other companies .....	2,749	4 2
			Cash :—		
			On deposit .....	£6,000	0 0
			In hand and on current account .....	36,470	10 1
				<u>42,470</u>	<u>10 1</u>
			Bills receivable .....	8,430	0 6
			Policy stamps .....	46	11 5
				<u>£3,292,177</u>	<u>7 1</u>
	<u>£3,292,177</u>	<u>7 1</u>			

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 THE LONDON MUTUAL FIRE INSURANCE COMPANY OF CANADA.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—JAMES ARMSTRONG, M.P. | Secretary and Agent—D. C. MACDONALD.

Principal Office—London, Ontario.

(Organized and commenced business in Canada, A.D., 1859.)

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 CAPITAL.

A mutual Company, having no stockholders but merely members who are insured, and who are only bound to the extent of their premium notes given for insurance. The Company insures only private dwellings and their contents, and farm property.

## ASSETS.

Loans secured by bonds or mortgages, on which not more than one year's interest is due, constituting a first lien on real estate .....	\$	600 00
Loans as above on which more than one year's interest is due, and for which judgment has not been obtained, first liens .....		500 00
Cash on hand at head office.....		1,284 83
Cash in banks, viz:—		
Federal Bank .....	\$31,401 33	
* do special deposit.....	30,000 00	
Total.....		61,401 33
Accrued interest on stock and special deposit.....		250 68
Agents' balances.. .....		21,087 63
Bills receivable.....		1,124 47
(Amount of same overdue, \$467 84.)		
Premium notes on hand .....	\$328,189 04	
Less amount paid thereon .....	104,304 54	
		223,884 50
(Total assessments on premium notes, \$119,756.76.)		
Office furniture.....		648 53
Gross assets .....		\$310,781 97
Amount which should be deducted on account of bad or doubtful bills receivable .....		324 13
Total assets.....		\$310,457 84
<b>LIABILITIES.</b>		
Net amount of fire losses adjusted but not due.....	\$1,833 70	
do do claimed but not adjusted.....	5,6 8 55	
Total net amount of unsettled claims for losses in Canada.....		7,473 25
Reserve of unearned premiums for all outstanding risks in Canada .....		240,183 48
Total liabilities .....		\$247,656 73
Surplus of assets over liabilities.....		\$62,801 11

\*Deposited to credit of Receiver-General.

## LONDON MUTUAL—Continued.

## INCOME.

Gross Premiums received in cash.....	\$33,793 10
Gross cash received on bills and notes taken for premiums.....	71,391 27
Gross cash received for premiums.....	105,184 37
Deduct re-insurance, rebate, abatement and return premiums.....	291 16
Net cash received for premiums.....	\$104,893 21
Bills and notes received during the year for premiums and remaining unpaid, \$120,848.70.	
Received for interest and dividends on stocks, and all other sources....	2,418 59
Sundries, viz:—Division Court, \$862.59; cancelled policies, \$138.17 transfer fees, \$215.42; steam thresher licenses, \$507.00; Bills receivable, \$250.00; sundries, \$228.99.....	2,202 17
Total cash income.....	\$109,513 97

## EXPENDITURE.

Paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$12,095.40).....	\$12,386 67
Paid for losses occurring during the year.....	48,371 77
Total net amount paid during the year for fire losses.....	\$60,758 44
Commission or brokerage.....	12,598 13
Salaries, fees, and all other charges of officials, viz:—Fire inspection, \$2,343.59; Salaries, \$6,313 06; Directors' fees, \$847.10; writing policies, \$643.30; inspecting agencies, \$56.50; sundries, \$255.17..	10,458 72
Miscellaneous payments, viz:—Bank agency, \$102.68; law expenses, \$2.50; postage, \$1,097.20; stationery, \$328.52; printing, \$915.40; advertising, \$235.59; rent, \$750.00; sundries, \$163.60; interest, \$145.16.....	3,740 65
Total cash expenditure.....	\$ 87,555 94

## CASH ACCOUNT.

1881.

*Dr.*

Dec. 31. To balance in hand and in banks at this date..... \$ 40,728 13

1882.

Dec. 31. Income, as above..... 109,513 97

\$ 150,242 10

1882.

*Cr.*Dec. 31. By expenditure during year, as above..... \$ 87,555 94  
Balance in hand and in banks this date..... 62,686 16\$ 150,242 10

LONDON MUTUAL—*Concluded.*

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement ...	39,899	\$38,545,099	\$458,762 28
Taken during the year .....	13,208	13,942 996	167,674 21
Total .....	53,107	\$52,488,095	\$626,436 49
Deduct terminated .....	13,388	14,359,841	153,111 44
Gross in force at end of year .....	39,719	\$38,128,254	\$473,325 05
Deduct re-insured .....		112,300	913 77
Net in force at 31st December, 1882 .....	<u>39,719</u>	<u>\$38,015,954</u>	<u>\$472,411 28</u>
Total number of policies in force at date.....	39,719		
Total net amount in force .....		38,015,954 00	
Total premiums thereon.....			472,411 28

Subscribed and sworn to, 17th February, 1883, by

JAMES GRANT,

*Vice-President.*

D. C. MACDONALD,

*Secretary*

(Received 20th February, 1883.)



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 NORTH BRITISH AND MERCANTILE INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDED 30TH NOVEMBER, 1882.

*President*—HIS GRACE THE DUKE OF ROXBURGHE.*Chairman*—DAVID DAVIDSON.*Agents in Canada*—D. L. MACDOUGALL & THOMAS DAVIDSON.*Principal Office*—Edinburgh. | *Head Office in Canada*—Montreal.

(Organized or Incorporated, 1809. Commenced Business in Canada, 1862.)

## CAPITAL.

Amount of joint stock capital authorized, £3,000,000 sterling.....	\$14,600,000 00
Amount subscribed for, £2,000,000 sterling.....	9,733,333 33
Amount paid up in cash, £500,000 sterling.....	<u>2,433,333 33</u>

## ASSETS IN CANADA.

Real Estate (less encumbrances) in Canada, held by the Company, viz.:—

Four story building, situate N.-W. corner of St. François Xavier and Hospital Streets, Montreal, occupied by the Company and tenants as offices.....	\$70,000 00	
Lot on Canterbury Street, St. John, N.B., on which former office of the Company stood.....	3,240 00	
		<u>\$73,240 00</u>

Loans secured by bonds or mortgages on which not more than one year's interest is due, constituting a first lien on real estate, viz.:—

Mortgage on land and building in Toronto .....	\$12,000 00	
do in St. John, N.B.....	12,000 00	
do and houses on St. Catharine Street, Montreal.....	20,000 00	
		<u>44,000 00</u>
Interest accrued and unpaid on said loans.....		960 00

Canadian stock and bonds, viz.:—

	Par value.	Market value.
City of Montreal, 6 per cent. bonds.....	\$65,000 00	\$69,875 00
Montreal Harbor 6½ per cent. bonds.....	55,000 00	57,750 00
do do 5 per cent. bonds.....	50,000 00	51,750 00
Deposited with Receiver-General in trust for security of policy-holders.....	\$170,000 00	\$179,375 00

Other investments in control entirely of the Company:—

City of Montreal 6 per cent. bonds. ....	13,000 00	13,455 00
do do 5 do registered stock.....	32,000 00	33,410 00
Montreal Harbor 6½ per cent. bonds.....	50,000 00	52,500 00
do do 6 do .....	31,000 00	33,915 00
Province of Ontario Railway Subsidy Fund certificates ...	88,893 10	88,893 10
do do do .....	71,229 62	71,229 62
do do do .....	63,785 83	63,785 83

Total par and market value..... \$519,908 55 \$536,623 55Carried out at market value..... 536,623 55  
Cash on hand at head office in Canada..... 1,489 40

NORTH BRITISH AND MERCANTILE—Continued.

Cash in Banks, viz.:—

Bank of Montreal .....	\$33,863 23
Crédit Foncier.....	3,959 86
Total.....	37,823 09
Interest accrued and unpaid on stocks and bonds.....	5,555 90
Agents' balances .....	37,125 96
Office furniture and supplies in Montreal, Toronto and St. John, N.B..	2,500 00
Total assets in Canada.....	\$739,317 90

LIABILITIES IN CANADA.

Net amount of fire losses in Canada, claimed but not adjusted.....	27,945 65
Total net amount of unsettled claims for fire losses in Canada.....	\$ 27,945 65
Reserve of unearned premiums for all outstanding fire risks in Canada.	156,302 03
Re-insurance fund, under the life insurance branch.....	275,000 00
Total liabilities in Canada.....	\$ 459,247 68

INCOME IN CANADA.

Cash received for fire premiums.....	\$326,266 08
Deduct re-insurance.....	52,740 37
Net cash received for fire premiums.....	\$273,515 71
Received for interest on mortgages in Canada.....	1,680 00
do on stocks and bonds and other sources.....	62,154 56
Rents.....	4,450 00
Total cash income in Canada.....	\$341,800 27

EXPENDITURE IN CANADA.

Paid during the year for fire losses occurring in previous years (which losses were estimated in the last statement at \$9,152.56).....	\$ 9,152 56
Paid for fire losses occurring during the year .....	\$14,827 76
Less re-insurances .....	44,492 22
Total net amount paid during the year for fire losses in Canada.	170,335,54
Commission or brokerage.....	\$17,488 10
Salaries, fees and all other charges of officials in Canada.....	29,926 85
Taxes in Canada.....	18,756 82
All other expenditure in Canada, viz: Advertising, printing and stationery, \$2,254.53; gas and water rates, \$299.96; Underwriters' association, \$364.12; travelling expenses, \$833.21; office furniture, \$16.67; Auditors' fees and legal expenses, \$294.66; other miscellaneous expenses, \$5,422.37.....	2,538 76
Total cash expenditure.....	9,485 52
Total cash expenditure.....	\$240,196 05

## NORTH BRITISH AND MERCANTILE—Continued.

RISKS AND PREMIUMS.			
<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement .....	15,514	\$35,745,858	\$351,164 50
Taken during the year—new .....	5,869	16,914,970	146,303 59
do renewed .....	7,653	17,476,994	176,048 28
Total .....	29,036	\$70,137,822	\$673,516 37
Deduct terminated .....	12,026	29,493,543	282,736 06
Gross in force at end of year .....	17,010	\$40,644,279	\$390,780 31
Deduct re-insured .....		6,280,114	83,898 76
Net in force 30th November, 1882 .....	17,010	\$34,364,165	\$306,881 55
Total number of policies in force at date .....	17,010		
Total net amount in force .....		\$34,364,165	00
Total premiums thereon .....			306,881 55

Subscribed and sworn to, 6th March, 1883, by

THOS. DAVIDSON.

(Received 7th March, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Report, Edinburgh, 3rd April, 1883.)

## FIRE BUSINESS.

In 1881 the net premiums received amounted to .....	£958,654	1	2
During 1882 the premiums received amounted to .....	£1,360,087	19	9
Deduct re-insurances .....	273,521	5	1
Net premiums .....	1,086,566	14	8
Exhibiting an increase of .....	£127,912	13	6

The net losses by fire have amounted to the sum of £677,562 14s. 6d.: which includes a full estimate of all claims that had arisen prior to 31st December, 1882.

After setting aside, as usual, one-third of the net premiums for the year, to provide for liabilities on current policies, the balance at the credit of profit and loss account for 1882, including the unappropriated balance of £54,367 7s. 1d, brought forward from 1881, amounts to £167,895 12s. 6d.

**NORTH BRITISH AND MERCANTILE—Continued.**

**REVENUE ACCOUNT.—FIRE AND GENERAL ACCOUNT.**

<b>Dr.</b>		<b>Cr.</b>	
<b>I. Fire Insurance Fund at 31st Dec. 1881</b> .....	£	£	£
Reserve .....	844,576 19 11		80,000 0 0
Premium Reserve .....	312,551 7 0		1,000,937 19 10
Profit and Loss .....	134,367 7 1		
<u>£1,298,495 14 0</u>			
<b>II. Revenue of 1882</b> .....	1,157,123 16 6		£677,562 14 6
Premiums .....	£1,360,087 19 9		
Less re-assurances .....	274,521 5 1		
<u>£1,086,566 14 8</u>			
Interest and dividends .....	70,506 19 4		
Transfer fees .....	50 2 6		
<u>£1,157,123 16 6</u>			
		£1,000,937 19 10	
<b>III. Balance of fire fund at 31st December, 1882</b> .....			1,374,661 10 8
Reserve .....		£844,576 19 11	
Primum Reserve .....		362,188 18 5	
Profit and loss.....		167,896 12 6	
		<u>£1,374,661 10 8</u>	
			<u>£2,455,619 10 6</u>

NORTH BRITISH AND MERCANTILE—Concluded.

Balance Sheet, at 31st December, 1882.

LIABILITIES.		ASSETS.	
£	s. d.	£	s. d.
<b>Capital:—</b>			
Subscribed .....	2,000,000 0 0	British Government Securities.....	457,500 0 0
Paid up .....	500,000 0 0	Foreign Government and State Securities .....	477,363 0 2
		Foreign Municipal Securities.....	9,908 0 0
		Foreign Railway Securities.....	139,519 4 8
		Colonial Government Securities .....	153,560 0 0
		Colonial Municipal Securities.....	24,390 8 2
		Mortgages on Property within the United Kingdom.....	25,398 14 9
		Mortgages on Property out of the United Kingdom.....	2,465 13 4
		East India Railway Stock and Deferred Annuities.....	119,227 7 6
		Premises in Edinburgh, London, and Branches, partly occupied as Offices of the Company, and partly producing Rental.....	396,733 10 7
		Bills receivable.....	17,585 5 11
		Outstanding Premiums .....	2,153 3 9
		Do Interest.....	246,849 8 1
		Agents' Balances.....	89,598 18 6
		Cash in hands of Foreign Bankers.....	146,537 10 0
		Short Loans in London on Security.....	3,298 16 1
		Due by Life Department.....	62,539 11 6
		Cash in hand and in Bank.....	£2,304,826 17 1
	1,804,826 17 1		

LIFE DEPARTMENT.

1. *Life Assurance Branch:—*

Mortgages on Property within the United Kingdom .....	£1,911,275 3 6
Mortgages on Property out of the United Kingdom.....	33,240 12 10
Loans secured upon Public Rates.....	13,585 14 3
Loans on Security of Rent Charges.....	326,844 19 10
Loans on the Company's Policies within the Surrender Values.....	168,374 19 11
British Government Securities .....	4,184 14 9
Colonial Government Securities .....	326,211 1 3
Colonial Municipal Securities .....	38,163 11 3
Indian Government Securities .....	76,925 2 0
British Railway Preference Stock.....	20,032 7 9
East India Railway Debentures and Guaranteed Stock.....	45,405 19 6
House Property.....	6,848 7 1
Loans upon Personal Security.....	138,444 8 0
Reversions purchased.....	132,445 2 0

LIFE DEPARTMENT.

1. *Life Assurance Branch:—*

Assurance Fund .....	£3,274,835 19 1
Claims admitted but not paid.....	68,690 19 9
Commission, &c., due.....	99 1 11
Re-assurance Premiums due, but unpaid.....	9,073 13 8
Unclaimed Policy Values .....	5,404 2 5
Loan Suspense account to meet contingencies .....	10,000 0 0
Due to Annuity Branch .....	9,012 19 2
Due to Fire Department.....	3,298 16 1
	£3,380,415 12 1

<i>Half Credit Premiums secured upon Policies</i> .....	20,510 6 9
Outstanding Premiums.....	22,244 18 2
Do Interest.....	12,291 6 8
Agents' Balances.....	54,209 9 10
Cash in Bank.....	29,177 7 8
	<u>£3,380,415 12 1</u>

2. *Annuity Branch* :—

<i>Annuity Fund</i> .....	£473,147 3 2
Annuitants due, but unpaid, &c.....	1,966 1 8
	<u>475,113 4 10</u>

<i>Mortgages on Property within the United Kingdom</i> .....	£224,400 0 0
Loans secured upon Public Rates.....	140,863 4 0
Ground Rents.....	10,104 18 0
Reversions.....	61,129 0 4
Life Interests.....	4,569 1 6
Indian Railway Debentures.....	25,000 0 0
Due by Life Assurance B'ch.....	9,012 19
Outstanding Interest...	34 1 1
	<u>475,113 4 10</u>

3,855,528 16 11

3,855,528 16 11

£6,160,355 14 0

£6,160,355 14 0

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**THE NORTHERN ASSURANCE COMPANY.**

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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

<i>Chairman</i> —ALEXANDER DAVIDSON.		<i>General Manager</i> —JAS. VALENTINE.
<i>Principal Offices</i> —London and Aberdeen.		
<i>Head Office in Canada</i> —Montreal.		<i>Agents in Canada</i> —TAYLOR BROS.
(Organized or Incorporated, 1836.      Commenced business in Canada, 1867.)		

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**CAPITAL.**

Amount of joint stock capital authorized and subscribed		
for.....	£3,000,000	\$14,600,000 00
Amount paid up in cash.....	300,000	1,460,000 00

**ASSETS IN CANADA.**

Stocks and bonds held by the Company, viz :—

	Par value.	Market value.
Canada 4 per cent. stock.....	\$85,833 33	\$90,124 99
do do do bonds.....	14,166 67	14,875 00
Total par and market value.....	\$100,000 00	\$104,999 99
In deposit with Receiver-General, in trust.....		\$104,999 99
Cash in hand at head offices.....		3,141 69
Interest accrued and unpaid on stocks.....		1,370 82
Agents' balances.....		12,430 56
Total assests in Canada.....		\$121,943 06

**LIABILITIES IN CANADA.**

Net amount of losses in Canada reported or supposed, but not claimed	\$ 6,500 00
Reserve of unearned premiums for all outstanding fire risks in Canada	83,453 65
Total liabilities in Canada.....	\$ 89,953 65

**INCOME IN CANADA.**

Gross cash received for fire premiums.....	\$140,338 31
Deduct re-insurance, rebate, abatement and return premiums.....	8,079 51
Net cash received for fire premiums.....	\$132,258 80
Interest and dividends on stock and all other sources.....	5,049 98
Total cash income in Canada.....	\$137,308 78

## THE NORTHERN—Continued.

## EXPENDITURE IN CANADA.

Paid for fire losses occurring during the year.....	\$90,353 73
Deduct re-insurances .....	1,137 14
Net amount paid for said losses.....	<u>\$89,216 59</u>
Total net amount paid during the year for fire losses in Canada.....	\$89,216 59
Raid for commission, brokerage, salaries, fees and all other charges of officials in Canada, and taxes .....	27,056 40
Total expenditure in Canada.....	<u><u>\$116,272 99</u></u>

## RISKS AND PREMIUMS.

## (Fire Risks in Canada.)

	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement.....	6,946	\$10,982,357	\$122,754 66
Taken during the year—new .....	3,996	8,558,483	85,059 85
do renewed.....	3,184	6,208,690	58,919 53
Total.....	<u>14,126</u>	<u>\$25,749,530</u>	<u>\$266,734 04</u>
Deduct terminated .....	5,378	11,586,228	99,534 42
Gross in force at end of year .....	8,748	\$14,163,302	\$167,199 62
Deduct re-insured .....		622,420	4,774 34
Net in force 31st December, 1882.....	<u>8,748</u>	<u>\$13,540,882</u>	<u>\$162,425 28</u>
Total number of policies in force in Canada .....			8,748
Total net amount in force.....			\$13,540,882 00
Total premiums thereon.....			162,425 28

Subscribed and sworn to, 28th February, 1883, by

THOMAS M. TAYLOR.

(Received, 1st March, 1883.)

## GENERAL BUSINESS FOR THE YEAR ENDING 31st DECEMBER, 1881.

(Abstracted from Directors' Report, Aberdeen, 9th June, 1882.)

## FIRE DEPARTMENT.

The premiums received last year again showed an increase over those of the previous year, having been £451,487 0s. 5d., as compared with £444,596 13s. 7d. in 1880.

The losses, as in many other offices in 1881, were heavy, and amounted to £287,526 3s. 4d., or 63·68 per cent. of the premiums. This ratio is higher than that of any year since 1873, and raises the general average of the Company's experience from the beginning to 58·08 per cent.

The expenses of management (including commission to agents and charges of every kind) came to £132,204 2s., or 29·29 per cent. of the premiums, a reduction of 41 per cent. compared with the previous year.

The result is that, after reserving the usual 33 per cent. of the year's premiums to cover liabilities under current policies, a profit was earned of £29,459 19s. 5d., which sum has been transferred to the credit of the General Account of Profit and Loss. (See Fire Account.)



**THE NORTHERN—Concluded.**

**FIRE ACCOUNT.**

	£	s.	d.	£	s.	d.
Amount of Fire Fund at the beginning of the year .....	500,000	0	0			
Amount transferred from profit and loss account, in terms of resolution of general meeting held 10th June, 1881.....	50,000	0	0	£287,573	3	4
Proportion of premiums set aside to meet liability under current policies at 31st December, 1880 .....				60,769	11	0
Premiums received (after deduction of re-assurances).....				71,444	11	0
Expenses of management.....						
Proportion of premium set aside, to meet liability under current policies, being one-third of the revenue for 1881 .....				150,495	13	6
Balance of revenue transferred to profit and loss account.....				29,459	19	5
Amount of Fire Fund at the end of the year, as per balance sheet.....	550,000	0	0			
	<u>£599,685</u>	<u>18</u>	<u>3</u>	<u>£599,685</u>	<u>18</u>	<u>3</u>

**PROFIT AND LOSS ACCOUNT.**

	£	s.	d.	£	s.	d.
Brought forward from last year.....	120,520	7	6			
Amount transferred from non-participation life account.....	31,196	4	4	50,000	0	0
do do annuity account .....	4,236	1	10	45,000	0	0
Profit on fire account of 1881 .....	29,459	19	5	30,000	0	0
Balance of interest account, after charging same with the amounts due to the life assurance and annuity funds respectively .....	57,091	17	10	3,691	7	5
Profit on investments realised .....	1,919	6	5			
Profit on exchange.....	250	8	2	1,092	10	0
Transfers.....	34	17	6	5,000	0	0
				663	2	1
				88	6	11
				109,200	16	7
	<u>£244,739</u>	<u>3</u>	<u>0</u>	<u>£244,739</u>	<u>3</u>	<u>0</u>

BALANCE SHEET ON THE 31ST DECEMBER, 1881.

LIABILITIES.

	£	s	d.
Shareholders' capital paid up .....	300,000	0	0
Fire fund .....	560,000	0	0
Premiums set aside to meet liability under current policies .....	160,436	13	6
Life Assurance Fund—non-participation branch .....	249,412	15	8
do participation branch .....	1,283,338	10	3
Annuity Fund .....	65,707	5	2
Balance at the credit of profit and loss account .....	10,200	16	7
	<u>£2,708,153</u>	<u>1</u>	<u>2</u>
Claims under life policies in course of payment .....	£30,761	4	6
Outstanding fire losses .....	63,813	8	2
Outstanding charges .....	6,339	16	0
Bills payable, being drafts by distant agencies not arrived at maturity .....	7,416	11	3
Due to other Companies and agents .....	26,104	2	1
Shareholders' dividends unclaimed .....	2,830	11	7
	<u>£127,265</u>	<u>13</u>	<u>7</u>

£2,835,418 14 9

ASSETS.

	£	s	d.
Mortgages on property within the United Kingdom .....	302,034	5	2
do do out of the United Kingdom .....	101,080	13	0
(Viz, in Australia, under the direction of the Local Board at Melbourne.)			
Lans on parochial and other public rates .....	347,178	19	6
do life interests .....	90,325	15	2
do reversions .....	45,640	13	11
do British Government securities .....	1,000	0	0
do Foreign Government securities .....	10,000	0	0
do debentures, preference stocks and shares of railway and other Companies .....	87,275	0	0
do the Company's policies .....	69,618	7	0
do personal security .....	2,881	9	10
INVESTMENTS—			
In British Government securities .....	103,329	8	4
Indian and Colonial Government securities .....	336,186	10	9
Foreign Government securities .....	291,317	12	6
Railway and other debentures and debenture stocks .....	255,590	6	4
Railway and other preference and guaranteed stocks .....	232,530	6	2
Gas and water Companies' stocks .....	37,050	11	1
House property .....	87,629	19	10
Rent charges .....	78,835	3	6
Freehold ground rents .....	52,650	19	2
Life interests .....	2,682	18	9
Reversions .....	56,187	5	10
Bills receivable, being remittances not arrived at maturity .....	13,534	4	2
Due from other Companies and agents .....	106,612	5	8
Outstanding premiums .....	12,611	14	11
Outstanding interest and dividends .....	2,307	17	5
Interest accrued but not payable .....	31,508	5	6
Cash in the hands of bankers (on deposit) .....	18,661	9	2
do do (on current account) .....	58,665	7	10
Stamps on hand .....	332	15	1
Cash in hand .....	135	9	8
	<u>£2,835,418 14 9</u>		

£2,835,418 14 9

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 THE NORWICH UNION FIRE INSURANCE SOCIETY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—HENRY S. PATTESON. | *Secretary*—CHAS. EDWARD BIGNOLD.

*Principal Office*—Norwich, England.

(Organized or Incorporated, 1797. Commenced business, 1797.)

*Agent in Canada*—ALEXANDER DIXON. | *Head Office in Canada*—37 Adelaide Street, East, Toronto.

Commenced business in Canada, 1st April, 1880.

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## CAPITAL.

Amount of joint stock capital authorized and subscribed for.....	£1,100,000	\$5,353,333 33
Amount of capital paid up in cash.....	132,000	642,400 00

## ASSETS IN CANADA.

Stocks in deposit with Receiver General, viz:—

	Par Value.	Market Value.
Canada 4 per cent.....	\$100,000	\$109,000
Carried out at market value.....		\$109,000 00
Cash on hand at head office in Canada.....		1,214 17
Cash in banks, viz:—		
Bank of Montreal, Toronto, special account.....	\$44,361 30	
do do current account.....	5,031 37	
Total.....		49,392 67
Agents' balances (Cash in Chief Agents' hands in Canada).....		2,250 00
Accrued interest on special deposit in Bank of Montreal.....		227 00
Total assets in Canada.....		\$162,083 84

## LIABILITIES IN CANADA.

Net amount of losses in Canada, claimed but not adjusted.....	2,650 00
Reserve of unearned premiums for all outstanding risks in Canada.....	43,933 54
Total liabilities in Canada.....	\$46,583 54

## INCOME IN CANADA.

Gross cash received for fire premiums.....	\$83,239 30
Deduct re-insurance, rebate, abatement and return premiums.....	10,172 79
Net cash received for premiums.....	\$73,066 51
*Received for interest on stocks, &c.....	4,000 00
Interest on bank deposits.....	833 64
Total income in Canada.....	\$77,900 15

\*Paid direct to Home Office.

NORWICH UNION—*Continued.*

## EXPENDITURE IN CANADA.

Amount paid for losses occurring during the year.....	\$42,697 99
Less amount received for re-insurance.....	<u>2,261 62</u>
Total net amount paid during the year for fire losses.....	\$40,436 37
Commission or brokerage.....	15,016 99
Salaries, fees and all other charges of officials in Canada.....	837 99
Taxes in Canada.....	592 01
Advertising, travelling expenses, postages, express charges, telegrams and stationery.....	1,164 75
Insurance plans.....	<u>606 42</u>
Total cash expenditure in Canada.....	<u>\$58,654 53</u>

## RISKS AND PREMIUMS.

	No.	Amount.	Premiums.
Gross policies in force at date of last statement .....		\$5,542,538	\$54,922 06
Policies taken during the year, new and renewed... 3911		8,788,396	83,239 36
Total .....		<u>\$15,330,934</u>	<u>\$138,161 42</u>
Deduct terminated.....		5,889,482	46,596 34
Gross in force at end of year.....		\$9,441,452	\$91,565 08
Deduct re-insured .....		917,914	8,035 76
Net in force, 31st December, 1882.....		<u>\$8,523,538</u>	<u>\$83,529 32</u>

Total number of policies in force in Canada at date.....	No return.
Total net amount in force.....	\$8,523,538 00
Total premiums thereon.....	<u>83,529 32</u>

Subscribed and sworn to, 15th February, 1883, by

ALEXANDER DIXON,  
Chief Agent.

(Received 16th February, 1883.)

## GENERAL STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1881.

## ASSETS.

Value of real estate owned by the Company.....		\$117,381 56
Loans on bonds and mortgages—first liens.....		240,000 00
Interest accrued thereon.....		3,455 79
Stocks and bonds, viz. :—		
United States bonds.....	\$545,000 00	\$641,737 50
Canada Dominion 4 per cent. inscribed stock.....	100,000 00	106,849 33
3 per cent. Consols, England.....	215,000 00	214,193 75
New 3 per cent. Annuities, England.....	262,769 08	252,137 15
Bank of England stock.....	130,000 00	363,200 00
India Government 4 per cent. stock.....	63,647 47	66,511 60
East India Railway debentures.....	80,000 00	69,000 00
South India Railway debentures.....	150,000 00	169,500 00
Cornwall Railway debentures.....	65,000 00	79,300 00
Manchester, Sheffield and Lincolnshire Railway debentures.....	100,000 00	119,000 00
North-Eastern Railway debentures.....	33,600 00	37,855 00
Total par and market value.....	<u>\$1,714,916 55</u>	<u>\$2,125,284 33</u>

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**NORWICH UNION—Concluded.**

Carried out at market value .....	2,125,284 33
Cash in Company's principal office.....	200 00
Cash in bank.....	741,437 17
Interest due and accrued on stock .....	17,964 21
Net premiums in course of collection. ....	361,671 94

Gross assets.....	\$3,607,395 00
Amount which should be deducted on account of bad or doubtful out- standing premiums.....	8,926 56
Total assets.....	<u>\$3,598,468 44</u>

**LIABILITIES.**

Net amount of unpaid losses.....	\$262,500 82
Total unearned premiums.....	1,050,861 54
Cash dividends to stockholders remaining unpaid.....	4,095 50
Due and accrued for salaries, rent, advertising, and for agency and other miscellaneous expenses.....	15,000 00
Accepted bills not due.....	900 00

Total liabilities.....	<u>\$1,333,357 86</u>
Joint stock capital paid up in cash.....	\$660,000 00
Surplus beyond capital and all liabilities.....	<u>\$1,605,110 58</u>

**INCOME DURING THE YEAR.**

Net cash received for premiums.....	\$2,147,788 42
Received for interest on bonds and mortgages.....	9,330 00
Received for interest on stocks, bonds, loans and all other sources.....	88,892 62
Received for rents.....	3,109 08
Total income.....	<u>\$2,249,120 12</u>

**EXPENDITURE DURING THE YEAR.**

Net amount paid during the year for losses.....	\$1,232,038 25
Cash dividends paid stockholders. ....	272,350 00
Paid for commission or brokerage.....	402,888 46
Paid for salaries, fees and all other charges of officials.....	100,810 04
Paid for taxes.....	26,959 70
General expenses.....	106,459 16
Total expenditure.....	<u>\$2,141,505 61</u>

**RISKS AND PREMIUMS.**

Amount of policies issued during the year.....	\$972,860,450 00
Premiums thereon.....	2,380,323 36
Net amount in force at date.....	830,924,995 00
Premiums thereon.....	<u>2,063,177 39</u>

Subscribed and sworn to, 1st June, 1883, by

HENRY S. PATTESON,  
C. E. BIGNOLD.

(Received 23rd February, 1883.)

THE PHENIX INSURANCE COMPANY OF BROOKLYN, N.Y., U.S.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—STEPHEN CROWELL. | Secretary—PHILANDER SHAW.  
 Principal Office—12 and 14 Court Street, Brooklyn, N.Y.  
 (Incorporated 10th September, 1853.)  
 Agent in Canada—ROBERT HAMPSON. | Head Office in Canada—Montreal.  
 (Commenced business in Canada, 1st May, 1874.)

CAPITAL.

Amount authorized, subscribed for and paid up in cash.....\$1,000,000 00

ASSETS IN CANADA.

U.S. Bonds in deposit with Receiver General, viz:—

	Par Value.	Market Value.
U.S. Bonds 4 per cent. registered .....	\$100,000 00	\$119,625 00
Carried out at market value .....		\$119,625 00
Agents' balances .....		879 69
Claims for re-insurance on loss paid .....		1,568 00
<b>Total assets in Canada .....</b>		<b><u>\$122,072 69</u></b>

LIABILITIES IN CANADA.

Net amount of fire losses in Canada, claimed, but not adjusted .....	\$ 400 00
Reserve of unearned premiums for all outstanding risks in Canada, viz:—	
Fire .....	<u>\$14,185 37</u>
<b>Total reserve of unearned premiums in Canada .....</b>	<b>14,185 37</b>
<b>Total liabilities in Canada .....</b>	<b><u>\$14,585 37</u></b>

INCOME IN CANADA.

*Fire Risks in Canada.*

Gross cash received for premiums .....	\$31,257 86
Deduct re-insurance, rebate, abatement and return-premiums. ....	<u>4,254 33</u>
Net cash received for fire premiums .....	\$27,003 53

*\* Inland Marine Risks in Canada.*

Gross premiums received in cash .....	\$21,887 54
Gross cash received for bills and notes taken for premiums....	<u>3,292 74</u>
Gross cash received for premiums .....	\$25,180 28
Deduct re-insurance, &c .....	<u>25,079 26</u>
Net cash received for said premiums.....	101 02

\* This Company ceased to do any inland Canadian business early in 1882. The business here reported was nearly all covered by the Canadian Pool of Toronto, of 1881, the accounts for which did not reach our Home Office till June, 1882, and consequently did not go into our books till after that date.

## PHENIX—Continued.

*For Ocean Risks in Canada.*

Gross cash received for premiums.....	\$1,837 50	
Deduct re-insurance, &c.....	64 90	
<b>Net cash received for said premiums.....</b>		<b>1,772 60</b>
<b>Total net cash received for premiums.....</b>		<b>\$28,877 15</b>
<b>Total cash income in Canada.....</b>		<b>\$28,877 15</b>

## EXPENDITURE IN CANADA.

*Fire Risks in Canada.*

Amount paid for losses occurring during the year..... \$3,710 48

*Inland Marine Risks in Canada.*

Amount paid during the year for losses occurring in previous years, (which losses were estimated in last statement at \$15,574.99).....	\$34,495 32	
Deduct received for re-insurance.....	24,697 65	
<b>Net amount paid for said losses.....</b>		<b>\$9,797 67</b>
Paid for inland marine losses occurring during the year.....	\$9,153 21	
Less savings and salvage.....	\$ 404 72	
Less re-insurance.....	6,079 64	
<b>Total deductions.....</b>		<b>6,484 36</b>
<b>Net amount paid during the year for said losses.....</b>		<b>\$2,668 85</b>
<b>Total amount paid during the year for inland marine losses in Canada....</b>		<b>\$12,466 52</b>
<b>Total net amount paid during the year for fire and inland marine losses in Canada.....</b>		<b>\$16,177 00</b>
<b>Commission or brokerage.....</b>		<b>4,278 60</b>
<b>Salaries, fees and all other charges of officials in Canada.....</b>		<b>1,875 00</b>
<b>Taxes in Canada.....</b>		<b>404 33</b>
<b>General expenses:—Postage, rent, stationery, &amp;c.....</b>		<b>1,864 49</b>
<b>Total cash expenditure in Canada.....</b>		<b>\$24,599 42</b>

## RISKS AND PREMIUMS.

*Fire Risks in Canada.*

	Amount.	Premiums
Gross policies in force at date of last statement.....	\$1,822,513	\$15,819 83
Taken during the year—new and renewed.....	4,063,781	28,482 39
<b>Total.....</b>	<b>\$5,886,294</b>	<b>\$44,302 22</b>
Deduct terminated.....	3,244,845	16,767 69
<b>Gross in force at end of year.....</b>	<b>\$2,641,449</b>	<b>27,534 53</b>
Deduct re-insured.....	61,350	492 49
<b>Total net in force, 31st December, 1882.....</b>	<b>\$2,580,099</b>	<b>\$27,042 04</b>

*\*Inland Marine Risks.*

Gross policies in force at date of last statement.....	\$ 119,309	\$ 6,473 98
Taken during the year.....	1,960,236	21,887 54
<b>Total.....</b>	<b>\$2,079,545</b>	<b>\$28,361 52</b>
Deduct terminated.....	2,079,545	28,361 52

\*Including the Pool accounts before referred to.

PHENIX—Continued.

*Ocean Risks.*

Policies taken during the year.....	\$ 182,559	\$ 1,837 50
Deduct terminated .....	<u>182,559</u>	<u>1,837 50</u>

Total number of policies in force in Canada at date.....	No return.
Total net amount in force.....	\$2,580,099 00
Total premiums thereon.....	<u>27,042 04</u>

Subscribed and sworn to, 5th March, 1883, by

ROBERT HAMPSON.

(Received 6th March, 1883.)

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*As returned to the Department of Insurance, State of New York.*

ASSETS.

Real estate.....	\$ 384,750 00
Loans on bond and mortgage.....	298,000 00
Interest due and accrued on said bond and mortgage loans.....	5,371 90
Stocks and bonds— par value, \$1,397,122.33 ; market value.....	1,636,089 50
Interest due and accrued thereon.....	2,049 99
Cash on hand and in banks.....	256,624 24
Loans on collateral security of stocks, &c., of par value, \$383,100.00 ; market value, \$481,200.00.....	303,830 00
Interest due and accrued thereon.....	2,032 64
Gross premiums in course of collection .....	396,662 06
Bills receivable.....	4,815 06
Other assets.....	5,101 21
<b>Total assets.....</b>	<b><u>\$3,295,320 60</u></b>

LIABILITIES.

Net amount of unpaid losses.....	\$ 191,691 04
Unearned premiums.....	1,448,815 89
Due and accrued for rent, &c.....	2,733 33
All other claims.....	7,611 74
<b>Total liabilities, except capital stock.....</b>	<b><u>\$1,650,852 00</u></b>
Capital stock paid up in cash.....	\$1,000,000 00
Surplus beyond liabilities and capital stock.....	<u>644,474 60</u>

INCOME.

Net cash received for premiums.....	\$2,496,610 60
Interest and dividends.....	100,631 28
Other income.....	9,897 34
<b>Total cash income.....</b>	<b><u>\$2,607,139 22</u></b>



PHENIX—*Concluded.*

## EXPENDITURE.

Net amount paid for losses.....	\$1,219,599 48
Dividends.....	100,000 00
Commission or brokerage.....	436,177 32
Salaries, fees, &c.....	187,676 70
Taxes.....	40,003 15
Miscellaneous .....	205,246 94
	<hr/>
Total cash expenditure.....	<u>\$2,188,703 59</u>

## RISKS AND PREMIUMS.

Fire risks—written during the year—amount.....	\$259,486,075 00
Premiums thereon.....	2,478 059 51
Net in force 31st December, 1882—amount.....	249,357,657 00
Premiums thereon.....	2,571,898 03
Marine and inland risks—written during the year.....	91,828,421 00
Premiums thereon.....	464,317 98
Net amount in force 31st December, 1882.....	9,69,211 00
Premiums thereon.....	<u>48,956 00</u>

STEPHEN CROWELL,

*President.*

PHILANDER SHAW,

*Secretary.*

NEW YORK, 27th January, 1883.

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 PHENIX FIRE ASSURANCE COMPANY OF LONDON.
 

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STATEMENT FOR THE YEAR ENDING 30TH NOVEMBER, 1882.

*Secretary*—JOHN G. BROOMFIELD. | *Assistant*—FRANCIS B. MACDONALD.  
*Principal Office*—19 Lombard Street, London. Organized, A.D. 1782.  
*Agents in Canada*—GILLESPIE, MOFFATT & Co. | *Head Office in Canada*—Montreal.  
 (Commenced business in Canada, A.D. 1804.)

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## CAPITAL.

This Company has no nominal capital, the liability of the shareholders being unlimited, but keeps on hand, for the payment of fire losses only, a customary balance exceeding £600,000 sterling.

## ASSETS IN CANADA.

Canadian Pacific Railway bonds (par value) .....	\$57,500 00
Canada 5 per cent. consolidated stock (par value) .....	50,126 00
<b>Total assets in Canada (deposited with Receiver-General).</b>	<b>\$107,626 00</b>

## LIABILITIES IN CANADA.

Net amount of fire losses claimed but not adjusted .....	7,837 71
<b>Total net amount of unsettled claims for fire losses in Canada.....</b>	<b>\$ 7,837 71</b>
Reserve of unearned premiums for all outstanding fire risks in Canada.	125,952 62
<b>Total liabilities in Canada.....</b>	<b>\$133,790 33</b>

## INCOME IN CANADA.

Gross cash received for fire premiums .....	\$235,208 12
Less re-insurance, rebate, abatement and return premiums.....	31,070 22
Net cash received for fire premiums .....	\$204,137 90
Add dividends on the deposit with Receiver-General, paid directly to The Head Office in London .....	5,014 89
<b>Total cash income in Canada .....</b>	<b>\$209,152 79</b>

## EXPENDITURE IN CANADA.

Paid during the year for fire losses occurring in previous years (which losses were estimated in last statement at \$1,587 34) .....	\$1,587 34
Paid for fire losses occurring during the year .....	\$142,507 59
Less amount received for re-insurance .....	20,149 19
Net amount paid during the year for said losses .....	122,358 40
<b>Total net amount paid during the year for fire losses .....</b>	<b>\$123,945 74</b>
do do do commission or brokerage....	42,707 59
do do do taxes in Canada.....	1,644 35

PHENIX—*Concluded.*

Miscellaneous payments:—

Expenses and fees incurred in the adjustment of losses.....	\$1,006 49	
Express charges on supplies, duty and cablegrams.....	77 30	
Calendars, \$515 00; insurance plans, \$543 55.....	858 55	
Subscriptions and assessments to Underwriters' Association and Boards	227 45	
Expenses in re Quebec Tax Act.....	103 66	
Miscellaneous small charges.....	244 50	
		<u>2,517 95</u>
Total cash expenditure in Canada.....		<u><u>\$170,815 63</u></u>

RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement.....	10,168	\$21,084,403	\$240,814 62
Taken during the year—new.....	5,667	12,616,234	132,283 38
do renewed.....	3,632	9,260,881	102,924 74
<b>Total.....</b>	<b>19,467</b>	<b>42,961,518</b>	<b>476,022 74</b>
Deduct terminated.....	6,701	18,368,629	189,910 05
Gross in force at end of year.....	12,766	24,592,889	286,112 69
Deduct re-insured.....		3,676,449	43,868 10
<b>Net in force 30th November, 1882.....</b>	<b>12,766</b>	<b>20,916,440</b>	<b>242,244 59</b>
Total number of policies in force at date.....			12,766
Total net amount in force.....			\$20,916,440 00
Total premiums thereon.....			242,244 59

Subscribed and sworn to, 28th February, 1883, by

A. T. PATERSON.

(Received 1st March, 1883.)

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 ESTATE OF THE PROVINCIAL INSURANCE COMPANY.

27TH FEBRUARY, 1883.

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 ASSETS.

Cash with court, less expenses and dividends Nos. 1 and 2, 20 per cent. each, and No. 3, 11 per cent. on claims ranking on Government deposit, and No. 1 30 per cent., on ocean marine and general creditors, not ranking on Government deposit. ....	\$7,329 18
Cash in sundry banks.....	1,008 52
Estimated cash value of other assets (not including claims upon shareholders).....	1,700 00
	<u>\$10,037 70</u>

## LIABILITIES.

(Same as Statement 1881.)

## PROFIT AND LOSS ACCOUNT.

Balance at debit of profit and loss, February 28th, 1882.....	\$47,878 70
Cr. Interest received.....	\$128 00
Dr. Agents' balances written off .....	71 17
	<u>56 83</u>
	<u>\$47,821 87</u>

ARTHUR HARVEY,  
Receiver and Assignee.

May 4th, 1883.

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**THE QUEBEC FIRE ASSURANCE COMPANY.**

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—JOHN GREAVES CLAPHAM.

*Secretary*—WM. LUNN FISHER

*Principal Office*—Quebec.

(Organized 2nd April, 1818, and Incorporated by Act of L. C., 4 Geo. IV., cap. 58, amended by 18 Vic., cap. 212, and by 29-30 Vic., cap. 27, and by an Act 42 Vic., cap. 69.)

(Commenced business, 1818.)

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**CAPITAL.**

Amount of stock authorized and subscribed for.....	\$500,000 00
Amount paid up in cash.....	373,990 00

(For List of Shareholders, see Appendix.)

**ASSETS.**

Real Estate—A lot of ground in the City of Quebec, situated on the westerly side of St. Peter street, bounded in front by St. Peter street, in the rear by Sault au Matelot street, on one side to the south by La Banque Nationale, and on the other side to the north by the Montreal Telegraph Company, with a cut stone building thereon erected, and known as “The Quebec Fire Office”..... 32,000 00

\*Stocks and bonds held by the Company:—

	Par value.	Market value.
Quebec Bank, 443 shares.....	\$ 44,300	\$51,388
Banque Nationale, 600 shares.....	30,000	21,000
City of Quebec debentures.....	6,000	6,000
<b>Total par and market value.....</b>	<b>\$80,300</b>	<b>\$78,388</b>

Carried out at market value..... 78,388 00

Cash—Special deposit in La Banque Nationale, at the credit of the Receiver General..... 9,200 00

Cash on hand at head office..... 31 0

Cash in banks, viz.:

La Banque Nationale, Quebec.....	\$2,457 79
Quebec Bank, Montreal.....	4,314 52
do Toronto.....	1,439 98
Bank of Nova Scotia, St John, N.B.....	11,508 97

**Total..... 19,721 26**

Interest due and unpaid on stocks..... 687 68

Agents' balances..... 2,771 21

Office furniture valued at..... 551 85

Rents accrued at date and not yet received..... 255 33

**Total assets..... 143,606 39**

Of these there are deposited with the Receiver-General:—

Quebec Bank stock.....	\$35 000
Banque Nationale stock.....	25,000
City of Quebec debentures.....	6,000
Cash in La Banque Nationale.....	9,200

**Total..... \$75,200**

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 QUEBEC—Continued.

## LIABILITIES.

Net amount of unsettled claims for fire losses.....	\$5,294 07
Total reserve of unearned premiums for risks in Canada .....	39,459 13
Dividends declared and due, but unpaid.....	525 25
<b>Total liabilities, excluding capital stock.....</b>	<b>\$45,278 45</b>
Capital stock paid up.....	\$373,990 00

## INCOME.

Gross cash received for premiums.....	\$53,815 36
Deduct re-insurance, rebate, abatement and return-premiums.....	3,948 37
<b>Net cash received for premiums.....</b>	<b>\$49,866 99</b>
Received for interest and dividends on stock and bonds.....	6,124 45
Received for rent.....	1,587 78
<b>Total.....</b>	<b>\$57,579 22</b>
Received for calls on capital .....	2,045 00
<b>Total cash income.....</b>	<b>\$59,624 22</b>

## EXPENDITURE.

Amount paid for losses occurring during the year.....	\$42,337 83
<b>Total net amount paid during the year for fire losses.....</b>	<b>\$42,337 83</b>
Amount of dividends paid during the year (remaining over from former years) .....	325 25
Commission or brokerage.....	3,468 34
Salaries, fees, &c.....	6,075 00
Taxes.....	648 86
Printing and stationery.....	383 00
General charges and contingencies.....	1,176 02
Sundry repairs and petty.....	143 80
<b>Total cash expenditure.....</b>	<b>\$54,558 10</b>

## CASH ACCOUNT.

1881	Dr.	
Dec. 31. Balance in hand and in banks at this date (including \$2,092.14, Agents balances).....		\$17,507 41
1882.		
Dec. 31. Income as above.....		59,624 22
		<b>\$77,131 63</b>

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 QUEBEC—*Concluded.*

1882.

CR.

Dec. 31. Expenditure during the year (as above).....	\$54,558 10
Cash paid for heating apparatus (capital account, <i>see</i> last year's statement) .....	50 00
Balance in hand and in banks this date (including \$2,771.21, Agents' balances).....	22,523 53
	<hr/>
	<u>\$77,131 63</u>

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	Amount.	Premiums.
Policies in force at date of last statement.....	\$6,909,640	\$80,432 12
Taken during the year—new .....	1,882,283	20,674 00
do renewed .....	3,130,969	33,140 86
Total .....	<hr/> \$11,922,892	<hr/> \$134,247 48
Deduct terminated .....	5,161,027	52,373 81
Gross in force at end of year.....	<hr/> \$6,761,865	<hr/> \$81,873 67
Deduct re-insured.....	325,175	2,955 40
Net in force, 31st December, 1882.....	<hr/> <u>\$6,436,690</u>	<hr/> <u>\$78,918 27</u>

Total number of policies in force at date .....	No return.
Total net amount in force.....	\$6,436,690 00
Total premiums thereon.....	<hr/> 78,918 27

Subscribed and sworn to, 26th February, 1883, by

J. GREAVES CLAPHAM,

*President.*

W. L. FISHER,

*Secretary.*

(Received, 27th February, 1883.)

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**THE QUEEN INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—BERNARD HALL*Manager*—J. MONCRIEFF WILSON.*Principal Office*—Liverpool. Organized 22nd July, 1858.*Chief Agents in Canada*—FORBES & MUDGE.*Head Office in Canada*—191 St. James Street, Montreal.

(Commenced business in Canada, 5th July, 1859.)

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**CAPITAL.**

Amount of joint stock capital authorized, £2,000,000 stg.....	\$9,733,333 33
Amount subscribed for, £1,798,300 stg .....	8,751,726 66
Amount paid up in cash, £180,035 stg.....	<u>876,170 33</u>

**ASSETS IN CANADA.**

Real estate, viz:—

Lot of land in Maple Avenue, Montreal.....	\$ 980 00	
do New Brunswick.....	100 00	
		\$ 1,080 00

Loans secured by bonds and mortgages on which more than one year's interest is due, and for which judgment has not been obtained, constituting a first lien on real estate..... 980 00

Stocks and bonds owned by the Company, viz:—

	Par value.	Market value.
*Cape of Good Hope bonds.....	\$48,667 00	\$ 48,667 00
*New Zealand bonds.....	48,667 00	48,667 00
*Canada Consols, 5 p.c.....	51,100 00	51,100 00
Total par and market value .....	<u>\$148,434 00</u>	<u>\$148,434 00</u>

Carried out at market value..... 148,434 00  
 Loans on security of life policies..... 2,792 47  
 Cash on hand at head office in Canada..... 1,337 37

Cash in banks, viz:—

Bank of New Brunswick.....	\$ 122 26
Merchants' Bank of Halifax.....	5,300 00

Total .....	5,422 26
Interest due and unpaid on loans.....	13 27
Interest accrued and unpaid on loans.....	107 32
Agents' and other unadjusted balances in Canada.....	12,873 44
Sundries—Office furniture, plans, stationery, &c. (approximated).....	2,150 00

Total assets in Canada..... \$175,190 13

**LIABILITIES IN CANADA.**

Fire losses in Canada:—

Losses claimed but not adjusted.....	\$5,450 00
Losses resisted and in suit (accrued previous to 1882) .....	<u>2,000 00</u>

\*Deposited with Receiver General for fire and life.



QUEEN—Continued.

Total net amount of unsettled claims for fire losses in Canada.....	\$ 7,450 00
Reserve of unearned premiums for all outstanding fire risks in Canada.....	118,031 24
Due and accrued for miscellaneous expenses.....	259 81
<hr/>	
Total liabilities of fire department in Canada.....	\$125,741 05
Add liabilities, life department.....	80,060 40
<hr/>	
Total liabilities in Canada.....	\$205,801 45

INCOME IN CANADA—FIRE DEPARTMENT.

Gross cash received for premiums.....	\$227,375 98
Deduct re-insurances, &c.....	20,265 41
<hr/>	
Net cash received for fire premiums.....	\$207,110 57
Interest on bonds and mortgages.....	180 93
Interest and dividends on stocks and all other sources.....	5,225 60
<hr/>	
Total cash income.....	\$212,517 10

EXPENDITURE IN CANADA—FIRE DEPARTMENT.

*Fire Risks in Canada.*

* Paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$11,200).....	\$ 8,996 98
Deduct received for re-insurance.....	2,000 00
<hr/>	
Net amount paid for said losses.....	\$ 6,996 98
Paid for losses occurring during the year.....	\$187,326 42
Less received for re-insurance.....	23,606 46
<hr/>	
Net amount paid for said losses.....	143,719 96
<hr/>	
Total net amount paid during the year for fire losses.....	\$150,716 94
Paid or allowed for commission or brokerage.....	23,787 96
Paid for salaries, fees and other charges of officials.....	12,000 00
Paid for taxes.....	1,683 98
Miscellaneous payments, viz.:—Office expenses, \$1,635.59; agency expenses, \$262 43; legal expenses, \$71.30; books and printing, \$505.05; stationery, \$139.47; postages and telegrams, \$98.18; exchange, \$268.04; advertising, \$697.73; inspection, \$626.57; contributions, \$47.85; rent, \$1,033.88; Underwriters' Association, \$139.92; Nova Scotia and New Brunswick agency expenses, \$859.88; legislation expenses, \$128.59.....	7,414 48
<hr/>	
Total cash expenditure in Canada.....	\$195,603 36

RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement.....	11,013	\$20,358,183	\$23,785 07
Taken during the year—new.....	5,099	10,696,200	105,772 13
do renewed.....	5,697	10,293,125	120,063 73
<hr/>			
Total.....	21,809	\$41,247,508	\$149,620 93
Deduct terminated.....	9,348	19,701,928	205,294 41
<hr/>			
Gross in force at end of year.....	12,461	\$21,545 580	\$244,326 52
Deduct re-insured.....		1,022,530	11,624 49
<hr/>			
Net in force at 31st December, 1882.....	12,461	\$20,523,020	\$232,702 03

\* Owing to a clerical error in our Halifax Agents' statement of last year, outstanding losses estimated at \$9,000 (less \$2,000 re-insured) were omitted.

## QUEEN—Continued.

Total number of policies in force in Canada at date.....	12,461
Total net amount in force .....	\$20,523,020 00
Total premiums thereon .....	232,702 03

Subscribed and sworn to, 24th February, 1883, by

A. M. FORBES.

(Received, 26th February, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*Abstracted from Directors' Report, Liverpool, Eng., 25th May, 1883.*

## FIRE BRANCH.

The premiums of the year, less re-insurances, are £560,335, as compared with £599,137, and the losses of the year paid and outstanding are £440,906, or 78·68 per cent., as compared with £473,548, or 79·03 per cent. of the previous year.

The Directors regret that these figures do not show any improvement in the business, and that the causes which abnormally affected the business of 1881 continued throughout the year 1882.

The causes referred to are, a great increase in the number of fires, but more especially the excessive competition which has prevailed both at home and abroad, leading as a result to rates being brought down in many places to an unremunerative point.

The diminution in income arises from unprofitable business relinquished, in consequence of steps taken or determined upon by the Directors after mature deliberation, prior to issue of last report, and it is satisfactory that the liabilities attaching to such business have now almost entirely expired. It is desirable further to state that the amount of premiums relinquished is considerably greater than the diminution alluded to, thus showing a natural growth of income as heretofore.

The investments of the Company are detailed in the balance sheet at their cost, and their present market price, apart from the enhanced value of the Company's buildings, is £40,359 in excess thereof.

## PROFIT AND LOSS ACCOUNT.

The loss on fire account after crediting interest and other receipts is..	£17,435 4 6
A dividend at the rate of 10 per cent., free of income tax, has already been paid for the half year ending 30th June last, absorbing .....	£9,001 15 0
And the Directors now recommend the payment of a dividend at the same rate, for the half year ending 31st December.....	9,001 15 0
	<u>£18,003 10 0</u>
	<u>£35,438 14 6</u>

Which amount has been transferred from the reserve.

After giving effect to the foregoing the funds will stand as follows:—

Capital paid up .....	£180,035 0 0
General reserve (£133,298 3s. 0d.) and fire fund (£168,300 0s. 0d.) ...	301,598 3 0
Life accumulation fund.....	430,208 16 3
Annuity fund.....	13,596 4 7
	<u>£925,438 3 10</u>

QUEEN—Continued.

REVENUE ACCOUNTS.

FIRE ACCOUNT.

		£	s.	d.			£	s.	d.	
Balance from 1881.....	180,000	0	0							
Premiums received after deduction of re-insurances.....	560,335	19	10	Losses by fire after deduction of re-assurances.....	440,906	3	9			
Amount transferred from profit and loss account.....	54,125	1	2	Expenses of Manage- ment.....	£86,861	7	4			
				Directors' and Audi- tors' fees for 1881.....	3,448	15	0			
								90,310	2	4
				Commission.....				94,766	6	4
				Bad debts.....				178	8	7
				Balance of Fire Fund.....				168,300	0	0
	<u>£794,461</u>	<u>1</u>	<u>0</u>					<u>£794,461</u>	<u>1</u>	<u>0</u>

PROFIT AND LOSS ACCOUNT.

		£	s.	d.			£	s.	d.	
Balance from 1881.....	9,001	15	0	Dividend for half year ending 31st December, 1881.....	9,001	15	0			
Interest.....	£29,472	7	8							
Less Income Tax.....	750	8	10	Dividend for half year ending 30th June, 1882.....	9,001	15	0			
				Amount transferred to fire account	54,125	1	2			
Profit realized on sale of securities	7,878	19	1	Balance.....	9,001	15	0			
Transfer fees.....	88	18	9							
Amount transferred from reserve fund.....	35,438	14	6							
	<u>£72,128</u>	<u>11</u>	<u>2</u>					<u>£72,128</u>	<u>11</u>	<u>2</u>

QUEEN—*Concluded.*

## BALANCE SHEET ON 31ST DECEMBER, 1882.

LIABILITIES.			ASSETS.		
	£	s. d		£	s. d
Shareholders' capital, as per last account .....	180,085	0 0	Mortgages on property within the United Kingdom...	£24,204	3 2
General Reserve Fund as per last account .....	£168,736	17 6	Mortgages on Property out of the United Kingdom...	187,997	0 0
Less amount carried to profit and loss account...	35,438	14 6	Loans on the Company's policies	162,201	3 2
	133,298	3 0	<i>Investments, viz:</i>	24,656	12 2
Life Insurance Fund .....	430,208	16 3	In British Government securities.	4,572	1 1
Annuity Fund .....	13,596	4 7	In Colonial securities .....	38,344	1 10
Fire Fund .....	168,300	0 0	In Foreign Government and State securities .....	209,685	3 8
Profit and loss account .....	9,001	15 0	In railway debentures stocks and bonds .....	32,180	12 4
	934,439	18 10	In railway preference stocks and shares .....	77,513	13 10
Claims under life policies admitted, but not yet payable .....	15,390	4 3	In Railway bonds and ordinary stocks .....	71,467	6 5
Outstanding fire losses .....	39,638	2 2		433,762	19 2
Foreign Drafts not yet matured.....	10,216	4 4	In house property, including the Company's offices at Liverpool and elsewhere.....	205,016	12 4
Dividends unclaimed.....	262	15 0	In the bonds and securities of Local Boards, incorporated Companies and building societies	32,920	2 3
Balance of re-insurance accounts with other offices.....	19,894	10 8	Loans on railway stocks, and other shares, and debentures .....	7,275	10 0
Other liabilities:—			Loans upon reversions and life interests .....	26,574	4 1
Income tax .....	£ 1,120	7 2	Loans upon personal security, and in connection with life policies.....	3,656	13 8
Legal expenses...	556	1 11		37,506	7 4
Advertising and stationery.....	2,190	3 4	Agents' and branch balances.....	61,027	11 1
Other expenses .	1,664	9 3	Outstanding premiums .....	13,146	3
	5,531	1 8	Outstanding interest .....	13,736	3 7
	90,932	18 1		26,881	10 10
			Cash on deposit and current accounts at bankers.....	24,791	13 9
			Cash in hand.....	41	7 8
				34,833	6 5
			Furniture at Chief and Branch Offices .....	6,567	2 2
				£1,025,372	16 11
				£1,025,372	16 11

THE ROYAL CANADIAN INSURANCE COMPANY OF MONTREAL,  
CANADA.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—ANDREW ROBERTSON.

Secretary and Attorney for Canada—  
ARTHUR GAGNON.

Principal Office—160 St. James Street, Montreal.

(Organized 23rd May, 1873. Commenced business in Canada, 13th August, 1873.)

CAPITAL.

Amount of joint stock capital authorized and subscribed for.....\$2,000,000 00  
\*Amount paid up in cash..... 300,000 00

(For List of Shareholders, see Appendix).

ASSETS.

Loans secured by bonds and mortgages on which not more than one  
year's interest is due, constituting a first lien on real estate ..... \$35,275 00

Stocks and bonds held by the Company, viz. :—

	Par value.	Market value.
† Canada Pacific Railway bonds.....	\$156,000 00	\$156,000 00
Montreal Warehousing bonds, 7's.....	24,333 33	15,024 46
Canada Central Railway bonds, 6's.....	97,333 33	101,226 67
Total par and market value.....	<u>\$277,666 66</u>	<u>\$272,251 13</u>

Carried out at market value... .. 272,251 13  
Cash on hand at head office ..... 14,097 42

Cash in banks, viz. :—

Bank of Montreal.....	\$11,309 53
La Banque Nationale .....	10,000 00
La Banque du Peuple .....	25,000 00
Exchange Bank of Canada.....	25,000 00

Total..... 71,309 53

Agents' balances and due from other companies..... 23,709 61

Bills receivable..... 46,828 30

Re-insurance due from other Companies ..... 24,719 10

Premiums in course of collection..... 5,401 25

Sundry debtors..... 2,242 32

Total assets ..... \$495,835 66

\*Capital paid up ..... \$300,000 00  
Paid up on special assessment and capital reduced..... 808,271 67

Total paid.....\$1,108,271 67

Leaving—subscribed capital not paid..... 891,728 13

Of which there is—called but unpaid..... 91,728 13

Uncalled ..... 800,000 00

†Of this there is deposited with the Receiver-General, par value \$56,000.

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**ROYAL CANADIAN—Continued.**
**LIABILITIES.**

Net amount of losses claimed but not adjusted:—

Fire.....	\$8,765 24
Inland marine.....	9,719 59
	<u>17,984 83</u>

Net amount of losses reported or supposed but not claimed:—

Ocean.....	\$15,966 74
------------	-------------

Total amount of unsettled claims for losses in Canada..... \$33,951 57

Reserve of unearned premiums for all outstanding risks in Canada, viz.:—

Fire.....	\$95,457 47
Ocean.....	42,023 00

Total reserve of unearned premiums for risks in Canada..... 137,480 47

Total liabilities (excluding capital stock)..... \$171,432 04

Capital stock paid up..... 300,000 00

Surplus beyond all liabilities and paid up capital stock..... \$24,403 62**INCOME.***For Fire Risks.*

	In Canada.
Gross cash received for premiums.....	\$189,143 42
Deduct re-insurance, rebate, abatement and return premiums.....	24,521 58
Net cash received for fire premiums.....	<u>\$164,621 84</u>

*For Inland Marine Risks.*

Gross premiums received in cash.....	\$66,744 72
Gross cash received on bills or notes taken for premiums.....	21,031 81
Gross cash received for premiums.....	<u>\$87,776 53</u>
Deduct re-insurance, &c.....	27,955 64
Net cash received for inland marine premiums.....	<u>\$59,820 89</u>

Bills and notes received during the year for inland marine premiums and remaining unpaid, \$899.62

*For Ocean Risks.*

Gross premiums received in cash.....	\$48,042 62
Gross cash received on bills and notes taken for premiums.....	49,561
Gross cash received for premiums.....	<u>\$97,604 55</u>
Deduct re-insurance, &c.....	19,580 40
Net cash received for ocean premiums.....	<u>\$78,024 15</u>

Bills and notes taken during the year for ocean premiums and remaining unpaid, \$45,428.68

Total net cash received for premiums in Canada..... \$302,466 88

Received for interest on bonds and mortgages..... 13,426 41

Received for interest and dividends on stocks and all other sources..... 3,465 83

Profit realized on investment, and claims recovered..... 11,715 96

\$331,075 08

Received for special assessment calls on capital..... 700 00

Total cash income..... \$331,775 08

## ROYAL CANADIAN—Continued.

## EXPENDITURE.

	In Canada.	In other Countries.
<i>For Fire Risks.</i>		
Paid during the year for losses occurring in previous years (which losses were estimated in the last statement at \$5,776.00) .....	\$ 964 96	\$2,833 19
Paid for losses occurring during the year.....	102,363 32	.....
<b>Total net amount paid during the year for fire losses.....</b>	<b><u>\$103,328 28</u></b>	<b><u>\$2,833 19</u></b>
 <i>For Inland Marine Risks.</i>		
Amount paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$24,064.31).....	\$25,244 27	
Deduct savings and salvage.....	\$ 600 00	
Deduct re-insurance .....	1,179 96	
<b>Total deductions .....</b>	<b><u>1,779 96</u></b>	
<b>Net amount paid during the year for said losses .....</b>	<b><u>\$23,464 31</u></b>	
<b>Net amount paid for losses occurring during the year .....</b>	<b><u>\$36,164 13</u></b>	
<b>Deduct re-insurance and savings and salvage.....</b>	<b><u>15,331 68</u></b>	
<b>Net amount paid during the year for said losses.....</b>	<b><u>\$20 832 45</u></b>	
<b>Net amount paid during the year for inland marine losses....</b>	<b><u>\$44,296 76</u></b>	
<b>Total net amount paid during the year for fire and inland marine losses viz. :—</b>		
In Canada.....	\$147,625 04	
In other countries.....	2,833 19	
<b>Total amount paid for fire and inland marine losses.....</b>		<b>\$150,458 23</b>
<b>Net amount paid during the year for ocean losses .....</b>		<b>85,137 09</b>
(\$22,274.40 of this amount is for losses incurred previous to 1882)		
<b>Amount of dividends paid during the year at 5 per cent.....</b>		<b>12,750 00</b>
<b>Commission or brokerage.....</b>		<b>36,930 23</b>
<b>Salaries, fees and all other charges of officials.....</b>		<b>17,410 59</b>
<b>Taxes .....</b>		<b>1,561 27</b>
<b>All other payments and expenditure.....</b>		<b>14,156 86</b>
<b>Total cash expenditure.....</b>		<b><u>\$318,404 27</u></b>

## CASH ACCOUNT—NOT BALANCED.

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	Amount.	Premiums.
Gross policies in force at date of last statement, .....	\$18,466,073	\$208,935 48
Taken during the year (new and renewed) .....	20,388,533	193,801 11
<b>Total.....</b>	<b>\$38,854,606</b>	<b>\$402,736 59</b>
Deduct terminated.....	16,720,078	193,641 89
<b>Gross in force at end of year .....</b>	<b>\$22,134,528</b>	<b>\$209,094 70</b>
Deduct re-insured.....	1,908,813	18,179 76
<b>Net in force at 31st December, 1882.....</b>	<b><u>\$20,225,715</u></b>	<b><u>\$190,914 94</u></b>

ROYAL CANADIAN—*Concluded.**Inland Marine Risks in Canada.*

Gross policies in force at date of last statement .....	\$ 62,416	\$ 3,705 59
Taken during the year .....	5,532,268	60,636 06
<b>Total .....</b>	<b>\$5,594,684</b>	<b>\$64,341 65</b>
Deduct terminated .....	5,594,684	64,341 65

*Ocean Risks in Canada.*

Gross policies in force at date of last statement .....	\$ 471,670	\$ 38,939 83
Taken during the year .....	5,276,189	99,150 74
<b>Total .....</b>	<b>\$5,747,859</b>	<b>\$138,090 57</b>
Deduct terminated .....	5,166,939	95,127 57
Gross in force at end of year .....	\$580,920	\$42,953 00
Deduct re-insured .....	27,500	930 00
<b>Net in force at 31st December, 1882 .....</b>	<b>\$553,420</b>	<b>\$42,023 00</b>

Total number of policies in force at date .....	No return.
Total net amount in force .....	\$20,779,135 00
Total premiums thereon .....	232,937 94

Subscribed and sworn to, 27th February, 1883.

ANDREW ROBERTSON,  
*President.*

ARTHUR GAGNON,  
*Secretary.*

(Received, 1st March, 1883.)



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**THE ROYAL INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—R. BROCKLEBANK. | Manager—JOHN H. McLAREN.

Principal Office—Liverpool, England.

Head Office in Canada—Montreal.

Chief Agents in Canada—

M. H. GAULT and W.M. TATLEY.

(Organized 31st May, 1845; Commenced business in Canada about 1848.)

**CAPITAL.**

Joint stock capital authorized, £2,000,000 sterling.....	\$9,733,333 33
Capital subscribed for, £1,930,300 sterling.....	9,394,126 67
Amount paid up in cash, £289,545 sterling.....	<u>1,409,119 00</u>

**ASSETS IN CANADA.**

Real estate :—

Four story building, situate on corner of Notre Dame Street and Place d'Armes, Montreal, occupied by the Company and tenants as offices \$75,000 00	
Four story building, situate on corner of Yonge and Wellington Streets, Toronto, occupied by the Company and tenants as offices.....	45,000 00

Total real estate..... \$120,000 00

Stocks held by the Company :—

	Par Value.
*Canada 5's.....	\$ 53,533 34
*Consols.....	511,000 00

Total par and market value..... 564,533 34Loans on security of the Company's policies (Life Department) in Canada..... 19,303 50Cash on hand in head office in Canada..... 1,097 89

Cash in banks, viz.:—

Merchants' Bank.....	\$ 965 38
Molson's Bank.....	94 14
Bank of British North America.....	5,047 23

Total..... 6,106 75Agents' balances (since paid)..... 45,094 89Rent accrued..... 319 90Office furniture and fixtures throughout Montreal and Toronto buildings; also, furniture at Quebec, Hamilton and other agencies, including supplies, block plans, &c..... 7,000 00Total assets in Canada..... \$763,456 27**LIABILITIES IN CANADA.***Fire Risks in Canada.*

Net amount of losses due and yet unpaid.....	\$22,481 00
do do resisted and in suit.....	1,000 00

Total net amount of unsettled claims for fire losses in Canada..... \$ 23,481 00Reserve of unearned premiums on all outstanding fire risks..... 400,921 51Total liabilities under fire branch in Canada..... \$424,402 51Liability under life branch in Canada..... 300,000 00Total liabilities in Canada..... \$724,402 51

\* Deposited with the Receiver-General on account of fire and life.

## ROYAL.—Continued.

## INCOME IN CANADA (FIRE BRANCH.)

Gross cash received for fire premiums .....	\$608,228 90	
Deduct re-insurances, &c .....	38,747 80	
Net cash received for fire premiums .....		\$569,481 10
Interest and dividends on stock in Canada.....		4,849 10
Other income, viz. :—		
Conscience money.....	\$ 100 00	
Rents received .....	6,495 06	
Received in London, England, from investment for benefit of Canadian policy-holders :—		
Canada 5's.....	2,876 66	
Consols .....	11,680 00	
Total .....		20,951 72
Total cash income in Canada .....		<u>\$595,281 92</u>

## EXPENDITURE IN CANADA (FIRE BRANCH.)

Amount paid during the year for fire losses occurring in previous years (estimated in last statement at \$5,424).....	\$	2,725 00
Paid for losses occurring during the year.....	\$318,287 42	
Less savings and salvage .....	\$1,676 28	
Less received for re-insurance.....	3,481 13	
	5,157 41	
Net amount paid for said losses.....		313,130 01
Total net amount paid during the year for fire losses in Canada.....		\$315,855 01
Paid for commission, brokerage, and for salaries, fees and all other charges in Canada .....		130,384 91
Taxes in Canada.....		2,292 29
Total cash expenditure in Canada.....		<u>\$448,532 21</u>

## RISKS AND PREMIUMS.

<i>For Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement...	28,248	\$70,061,567	\$636,494 54
Taken during the year—new .....	18,213	37,008,093	352,731 89
do do renewed .....	12,162	25,352,464	255,497 01
Total.....	68,623	\$132,422,124	\$1,244,723 44
Deduct terminated .....	20,607	45,536,926	464,492 23
Gross in force at end of year.....	48,016	\$86,885,198	\$780,231 21
Deduct re-insured... ..		1,014,872	8,870 19
Net in force 31st December, 1882.....	48,016	\$85,870,326	\$771,361 02
Total number of policies in Canada at date.....	48,016		
Total net amount in force.....			\$85,870,326 00
Total premiums thereon.....			771,361 02

Subscribed and sworn to, 9th April, 1883.

WM. TATLEY.

(Received 10th April, 1883.)

## ROYAL—Continued.

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1881.

(Abstracted from Directors' Report, Liverpool, 1882.)

## FIRE DEPARTMENT.

The business of this department has progressed satisfactorily, the fire premium for the period being £50,246 3s. 7d. in excess of the income of the previous twelve months. The special feature of the year, however, has been an abnormal increase in the number of fires and in the amount of loss both in the home and foreign branches. The fire premiums, after deduction of re-insurances, amounted to £883,324 13s. 6d., and the losses to £591,748 3s. 9d. Deducting agents' commission and all management expenses, the net profit including interest on fire fund and current balances, amounted to £62,146 6s. 4d.

## PROFIT AND LOSS.

The amount at the credit of the profit and loss account, after payment of the dividend and income-tax for the year 1880, was £190,712 7s. 5d., to which have been added fire profit for the year, £62,146 6s. 4d.; interest, £63,680 16s. 5d.—£125,827 2s. 9d.; total, £316,539 10s. 2d. Of this amount there has been carried to the fire fund £50,000, and the directors now recommend, in addition to the interim dividend of 10s. per share paid in February last, a payment of 12s. further dividend from the fire branch, and 3s. per share from the balance of undivided life profit, all free of income-tax, which will absorb £120,643 15s., making a total of £170,643 15s.; leaving a balance at the credit of the account of £145,895 15s. 2d.

## FUNDS.

After providing for the payment of the dividend, the funds of the Company will stand as follows:—Capital paid up, £289,545; fire fund, £550,000; reserve fund, £950,000; balance of profit and loss, £145,895 15s. 2d.; life funds, £2,737,858 9s. 11d. ---total, £4,673,299 5s. 1d.

## FIRE ACCOUNT.

	£	s.	d.		£	s.	d.
Amount of Fire Insurance Fund at the beginning of the year.....	500,000	0	0	Losses by fire after deduction of re-assurances .....	591,748	3	9
Premiums after deduction of re-assurances .....	883,324	13	6	Commission .....	131,975	10	10
Interest .....	25,402	12	3	Expenses of management .....	122,857	4	10
Amount transferred from profit and loss account.....	50,000	0	0	Profit realized, transferred to profit and loss account .....	62,146	6	4
				Amount of Fire Insurance Fund at the end of the year, as per balance sheet .....	550,000	0	0
	<u>£1,458,727</u>	<u>5</u>	<u>9</u>		<u>£1,458,727</u>	<u>5</u>	<u>9</u>

## PROFIT AND LOSS ACCOUNT.

	£	s.	d.		£	s.	d.
Balance of last year's account.....	315,893	18	11	Dividends and bonuses to shareholders .....	120,643	15	0
Interest .....	63,680	16	5	Income tax .....	4,537	16	6
Profit realized on the fire account	62,146	6	4	Amount transferred to Fire Insurance Fund.....	50,000	0	0
	<u>£441,721</u>	<u>1</u>	<u>8</u>	Balance as per balance sheet.....	266,539	10	2
					<u>£441,721</u>	<u>1</u>	<u>8</u>

ROYAL—*Concluded.*

## BALANCE SHEET ON THE 31st DECEMBER, 1881.

LIABILITIES.		£	s.	d.
Shareholders' capital.....		289,545	0	0
Reserve fund.....		950,000	0	0
Life assurance fund.....		2,510,838	1	5
Annuity fund.....		227,020	8	6
Fire fund.....		550,000	0	0
Profit and loss (subject to shareholders' dividend).....		266,539	10	2
Perpetual insurance account.....		7,420	12	11
		<u>4,801,363</u>	<u>13</u>	<u>0</u>
Claims under life policies, admitted but not paid.....		47,083	9	7
Annuities not claimed.....		134	10	10
Outstanding fire losses.....		62,487	18	6
Unclaimed dividends.....		1,578	8	10
Outstanding accounts } since paid { .....		2,487	16	10
Bills payable..... } .....		21,672	4	4
		<u>£4,936,808</u>	<u>1</u>	<u>11</u>
ASSETS.		£	s.	d.
Mortgages on freehold property within the United Kingdom.....		1,135,961	1	9
Loans on the Company's life policies within their surrender value....		157,317	0	3
Investments:—				
British Government securities.....		172,730	1	3
Foreign and Colonial securities.....		34,529	7	7
United States securities.....		410,026	3	9
British railway debenture stocks.....		22,390	0	0
British railway guaranteed and preference stocks.....		1,194,590	4	5
British railway ordinary stocks.....		18,776	0	0
Other British securities.....		357,525	13	8
Freehold buildings.....		233,002	6	2
Leasehold building.....		8,677	5	0
Loans on the Company's life policies, combined with personal security		250	0	0
Loans to various Towns and Townships in Great Britain on security				
of the rates.....		413,446	15	10
Loans on British railway securities, with margins.....		539,515	17	1
Agents' balances } .....		90,118	1	11
Outstanding premiums } since received.....		7,674	5	5
Outstanding interest } .....		67,893	2	10
Cash in hand and on current account with bankers.....		72,474	15	0
		<u>£4,936,808</u>	<u>1</u>	<u>11</u>

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**THE SCOTTISH IMPERIAL INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*Chairman*—ALEXANDER RONALDSON. | *Manager*—W. W. W. REID.  
*Principal Office*—Glasgow.  
*Agents in Canada*—TAYLOR BROS, | *Head Office in Canada*—Montreal.  
(Organized or incorporated, 1866. Commenced business in Canada, 1869.)

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**CAPITAL.**

Amount of joint stock or guarantee capital authorized.....	£1,000,000	\$4,866,666 67
Amount subscribed for.....	500,000	2,433,333 33
Amount paid up in cash.....	50,000	243,333 33

**ASSETS IN CANADA.**

\*Stocks and Bonds held by the Company—

	Par Value.	Market Value.
Montreal 6½ per cent. Harbour bonds.....	\$20,000 00	22,200 00
Montreal Corporation bonds.....	3,500 00	3,762 50
Montreal inscribed 5 per cent. stock.....	10,000 00	10,750 00
<b>Total par and market value.....</b>	<b>\$33,500 00</b>	<b>\$36,712 50</b>

Carried out at market value.....	\$36,712 50
Cash on hand at head office in Canada.....	84 82
Cash in Banque du Peuple.....	71,067 62
Interest accrued and unpaid on stocks, &c.....	1,235 53
Agents' balances.....	6,162 52
<b>Total assets in Canada.....</b>	<b>\$115,262 99</b>

**LIABILITIES IN CANADA.**

Net amount of losses in Canada adjusted but not due.....	\$925 00
do do claimed but not adjusted.....	700 00

<b>Total net amount of unsettled claims for fire losses in Canada.....</b>	<b>\$ 1,625 00</b>
Reserve of unearned premiums for all outstanding fire risks.....	51,814 21
Balance of account with General Agent.....	2,852 04
Commission on uncollected premiums (Agents' balances).....	1,232 50
<b>Total liabilities in Canada.....</b>	<b>\$57,523 75</b>

**INCOME IN CANADA.**

Gross cash received for fire premiums.....	\$79,226 85
Deduct re-insurance, rebate, &c.....	6,913 08
<b>Net cash received for fire premiums.....</b>	<b>\$72,313 77</b>
Received for interest on bonds, &c.....	5,554 70
<b>Total cash income in Canada.....</b>	<b>\$77,868 47</b>

\*In deposit with Receiver-General.

## SCOTTISH IMPERIAL—Continued.

## EXPENDITURE IN CANADA.

Paid for losses occurring during the year.....	\$40,253 79
Less re insurance.....	660 49
<b>Total net amount paid during the year for fire losses.....</b>	<b>\$39,593 30</b>
Paid for commission or brokerage, salaries, fees, taxes, &c.....	17,012 10
<b>Total cash expenditure in Canada.....</b>	<b>\$56,605 40</b>

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement.....	4,711	\$7,436,832	\$75,649 43
Taken during the year—new.....	2,875	4,407,736	47,998 95
do do renewed.....	1,865	3,324,754	33,829 49
<b>Total.....</b>	<b>9,251</b>	<b>15,169,322</b>	<b>157,477 87</b>
Deduct terminated.....	3,248	5,833,335	53,808 15
Gross in force at end of year.....	6,003	\$9,335,987	\$103,669 72
Deduct re-insured.....		608,848	5,514 93
<b>Net in force at 31st December, 1882.....</b>	<b>6,003</b>	<b>\$8,727,139</b>	<b>\$98,154 79</b>
<b>Total number of policies in force in Canada at date.....</b>	<b>6,003</b>		
<b>Total net amount in force.....</b>			<b>\$8,727,139 00</b>
<b>Total premiums thereon.....</b>			<b>98,154 79</b>

Subscribed and sworn to, 28th February, 1883, by

THOMAS M. TAYLOR.

(Received, 1st March, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1881.

(Abstracted from Directors' Report, Glasgow, 4th May, 1882.)

## FIRE DEPARTMENT.

The net premiums received amounted to £123,908 11s. 2d., being £16,821 5s. 7d. in excess of the corresponding amount for 1880.

The losses by fire, paid and outstanding, at 31st December, amounted to £106,803 14s. 2d.

The following figures will show the steady increase that is being made in this branch:—

## FIRE REVENUE.

	1879.	1880.	1881.
Net premiums.....	£95,639	£107,087	£123,908

As will be seen from the annexed statement, the fire losses have been exceptionally heavy, resulting in a loss on the year's operations in the fire department.

This has consequently reduced the Fire Reserve Fund, which now stands at £35,573 4s. 11d.

SCOTTISH IMPERIAL—*Concluded.*

## FIRE AND GENERAL ACCOUNT FOR YEAR ENDING 31ST DECEMBER, 1881.

To Balance from last Account...£58,270 5 4		By net losses by fire.....£106,803 14 2	
Less Dividend at $7\frac{1}{2}$ per cent. 3,750 0 0		" Proportion of general charges..... 18,673 13 4	
	£54,520 5 4	" Commission..... 26,335 18 5	
" Fire premiums .....£156,267 19 7		" One-tenth of furnishing account written off..... 258 0 2	
Less paid for re-insurances 32,359 8 5		" Balance (being fire fund). ..... 35,573 4 11	
	123,908 11 2		
" Interest and rents..... 3,184 14 6			
" Transfer Dues..... 31 0 0			
	<u>£181,644 11 0</u>		<u>£181,644 11 0</u>

## BALANCE SHEET, AS AT 31ST DECEMBER, 1881.

Liabilities.	Assets.
To shareholders' capital, £500,000—	By mortgages on Property within the United Kingdom.....£ 84,978 8 5
Of which is paid up.....£ 50,000 0 0	" Investments—
" Life assurance and annuity funds 136,316 3 3	In heritable property in Glasgow 62,472 12 2
" Fire fund..... 35,573 4 11	" Ground rents..... 28,270 18 3
" Outstanding claims under life policies..... 6,832 17 3	" Canadian Dominion stock..... 14,891 16 10
" Outstanding fire losses..... 18,265 6 7	" Montreal Harbour bonds..... 4,366 6 8
" Unpaid dividends..... 176 17 5	" Montreal city bonds..... 2,988 15 9
	" Loans on company's policies with- in their surrender value..... 5,177 4 0
	" Balances due by agents and other offices, and premiums in course of collection at the head office... 23,321 8 6
	" Interest accrued but not due..... 869 7 4
	" Cash at bankers ..... 13,519 5 3
	" Bankers' Remittance Bills on hand 3,988 4 4
	" Furnishing of offices..... 2,322 1 11
<u>£247,164 9 5</u>	<u>£247,164 9 5</u>

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**THE SCOTTISH UNION AND NATIONAL INSURANCE COMPANY.**


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GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

General Manager—JOHN M. McCANDLISH. | Secretary—P. PATTISON.  
 Principal Office—Edinburgh, Scotland.  
 Agents in Canada—KAVANAGH & BOSSÉ. | Head Office in Canada—Montreal.  
 (Organized or Incorporated, A.D., 1824. Commenced business in Canada, February, 1882).

**CAPITAL.**

Amount of capital authorized.....	\$30,000,000 00
Amount subscribed for.....	21,757,000 00
Amount paid up in cash.....	1,412,855 00

**ASSETS IN CANADA.**

Bonds and debentures in deposit with Receiver-General:—

	Par Value.	Market Value.
County of Middlesex debentures.....	\$50,000 00	\$57,875 00
City of Toronto bonds.....	61,185 00	64,798 00
Total par and market value.....	<u>\$111,185 00</u>	<u>\$122,673 00</u>

Carried out at market value.....	\$122,673 00
Agents' balances.....	1,639 28

Total Assets in Canada.....	<u><u>\$124,312 28</u></u>
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**LIABILITIES IN CANADA.**

Net amount of losses in Canada adjusted but not due.....	\$ 207 13
do do do claimed but not adjusted.....	2,846 25

Total net amount of unsettled claims for fire losses in Canada.....	\$3,053 38
Reserve of unearned premiums for all outstanding risks in Canada.....	18,197 80

Total liabilities in Canada.....	<u><u>\$21,251 18</u></u>
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**INCOME IN CANADA.**

Total cash received for premiums.....	\$37,627 34
Received for interest and dividends.....	6,167 20

Total income in Canada.....	<u><u>\$43,794 54</u></u>
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**EXPENDITURE IN CANADA.**

Net amount paid during the year for losses.....	\$8,317 58
Commission or brokerage.....	5,544 10
Salaries, fees and all other charges of officials in Canada.....	2,156 80
Taxes in Canada.....	440 00
General Agency expenses.....	446 15

Total expenditure in Canada.....	<u><u>\$16,904 63</u></u>
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SCOTTISH UNION AND NATIONAL—*Continued.*

## RISKS AND PREMIUMS.

<i>Fire Risks in Canada.</i>	No.	Amount.	Premiums.
Taken during the year—new .....	2408	\$4,085,685	\$37,627 34
Deduct terminated.....	312	396,135	3,298 44
Gross and net in force 31st December, 1882.....	<u>2096</u>	<u>\$3,690,550</u>	<u>\$34,328 90</u>
Total number of policies in force in Canada at date.....	2096		
Total net amount in force.....			\$3,690,550 00
Total premiums thereon.....			<u>34,328 90</u>

Subscribed and sworn to, 17th February, 1883, by

WALTER KAVANAGH,

*Chief Agent.*

(Received 19th February, 1883.)

## GENERAL STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1881.

(As returned to the Insurance Commissioner of the State of Connecticut.)

## ASSETS.

Real estate owned by the Company.....	\$853,843 97
Loans on bond and mortgage.....	8,996,852 23
Interest due and accrued on said loans.....	68,949 43
Stocks and bonds owned by the Company, par value, \$1,736,742.52; market value.....	1,889,840 00
Interest due and accrued on stocks.....	3,900 00
Loans on collateral security of stock, bonds, &c.....	1,090,179 55
Interest due and accrued on said loans.....	11,331 60
Cash on hand and in bank.....	727,354 87
Gross premiums in course of collection.....	379,007 54
Rents due and accrued.....	5,000 00
Interest accrued on bank deposits.....	5,150 00
Total assets....	<u>\$14,031,409 19</u>

## LIABILITIES.

Net amount of unpaid losses.....	\$115,991 83
Unearned fire premiums.....	404,129 77
Net premium reserve and other liabilities (except capital stock) under the Life department.....	11,517,206 33
Cash dividends to stockholders remaining unpaid.....	5,062 87
Due and accrued for salaries, rent, advertising, &c.....	20,873 50
Sundries.....	12,137 50
Total liabilities.....	<u>\$12,075,401 80</u>
Capital stock (less stock repurchased and held by the Company).....	\$1,215,235 00
Surplus beyond capital and all liabilities.....	<u>\$740,772 39</u>

SCOTTISH UNION AND NATIONAL—*Concluded.*

## INCOME DURING THE YEAR.

Net cash received for fire premiums.....	\$ 999,017 51
Premiums on life assurance and annuity departments.....	1,431,106 31
Interest and dividends.....	510,974 14
Rents.....	22,295 00
Total income.....	<u>\$2,963,392 96</u>

## EXPENDITURE DURING THE YEAR.

Net amount paid for fire losses.....	\$535,314 77
Cash dividends paid stockholders.....	226,056 79
Commission or brokerage, fire department.....	138,896 41
Salaries, fees, and all other charges of officials, fire department.....	121,916 35
Taxes.....	5,660 54
Claims, surrenders, charges, &c., life assurance and annuity departments.....	1,211,261 14
Total expenditure.....	<u>\$2,239,106 00</u>

## RISKS AND PREMIUMS—FIRE RISKS.

Written during the year—amount.....	\$462,944,756 00
Premiums thereon.....	1,227,794 89
Net amount in force at date.....	306,472,737 00
Premiums thereon.....	791,791 80

Subscribed and sworn to, 6th July, 1882, by

JOHN M. McCANDLISH,  
*President.*

P. PATTISON,  
*Secretary.*

(Received 12th February, 1883.)

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**THE SOVEREIGN FIRE INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—HON. ALEX. MACKENZIE.

Secretary—F. A. BALL.

Principal Office—Toronto.

Organized or incorporated 14th April, 1871. Commenced business in Canada  
July, 1871.**CAPITAL.**

Amount of joint stock capital authorized.....	\$1,000,000 00
Amount subscribed for.....	600,000 00
Amount paid up in cash.....	191,890 00

*(For List of Shareholders, see Appendix.)***ASSETS.**

Value of real estate (less encumbrances) held by the Company.....	\$ 1,687 74
Loans secured by bonds and mortgages on which not more than one year's interest is due, constituting a first lien on real estate.....	11,700 00
Interest accrued and unpaid on said loans.....	76 42

Stock and bonds owned by the Company :—

	Par Value.	Market Value.
* City of Toronto debentures.....	\$57,035 00	\$62,453 32
* do Hamilton do .....	18,040 00	17,400 80
* Village of Longueuil debentures.....	18,400 00	18,400 00
Total par and market value .....	\$93,475 00	\$98,254 12

Carried out at market value..... 99,254 12

Amount of loans secured by bonds, stock or other marketable collaterals,  
viz..... 52,940 00

	Par value.	Market value.	Amount loaned.
Canada Permanent Loan and Savings Company...\$	4,000 00	\$ 9,230 00	\$ 6,800 00
Dominion Bank.....	8,750 00	17,237 50	17,000 00
Federal Bank.....	20,000 00	30,500 00	29,140 00
	\$32,750 00	\$56,937 50	\$52,940 00

Cash on hand at head office..... 5,775 20

Cash in banks, viz. :—

Land Security Company (\$6,894.00 of which is deposited with the Receiver General).....	\$31,684 00
Canadian Bank of Commerce.....	3,762 00

Total.....	25,446 00
Interest accrued and unpaid on stock.....	2,120 55
Interest accrued and unpaid on loans .....	1,079 18
Agents' balances.....	39,625 61
Bills receivable (amount of same overdue, \$133.12).....	133 12
Amount of premium notes on hand on which policies are issued.....	1,897 72
Office furniture and fittings (Montreal and Toronto offices).....	1,506 40

Total assets..... \$243,242 06

\* Deposited with Receiver-General.

## SOVEREIGN—Continued.

## LIABILITIES.

(1) *Liabilities in Canada.*

Net amount of losses due and yet unpaid .....	\$ 1,543 54
Net amount of losses claimed but not adjusted (\$2,300 of this amount accrued previous to 1882) .....	6,930 00
Net amount of losses adjusted, but not due.....	9,313 50
do reported or supposed, but not claimed .....	694 00
	<u>\$18 481 04</u>

Net amount of losses resisted, viz :—

In suit.....	\$2,800 00
Not in suit (\$200 of which accrued previous to 1882) .....	2,745 51
	<u>\$5,545 51</u>

Total net amount of unsettled claims for fire losses in Canada .....	\$24,026 55
Total reserve of unearned premiums for risks in Canada.....	96,093 16
Dividends declared and due and remaining unpaid.....	118 91
Total liabilities.....	<u>\$120,238 62</u>

(2.) *Liabilities in other Countries.*

Net amount of losses reported or supposed, but not claimed.....\$12,265 29

Total net amount of unsettled claims for fire losses .....	\$ 2,265 29
Reserve of unearned premiums for all outstanding risks.....	19,345 18

Total liabilities in other countries..... \$31,610 47

Total liabilities (excluding capital stock) in all countries..... \$151,849 09

Capital stock paid up in cash..... \$191,890 00

## INCOME.

*For Fire Risks.*

	In Canada.	In other Countries.
Gross cash received for premiums.....	\$147,878 72	\$ 6,896 72
Deduct re-insurance, rebate, abatement and return-premiums	45,324 88	754 84
Net cash received for premiums.....	<u>\$102,553 84</u>	<u>\$16,141 88</u>

Bills and notes received during the year for premiums, and remaining unpaid \$1,897.72.

Total net cash received for premiums in all countries.....	\$118,695 72
Received for interest and dividends on stocks and all other sources.....	4,968 07
Other income (transfer fees).....	60 02

Total..... \$123,723 81

Received for calls on capital..... 73,450 00

Total cash income..... \$197,173 81

## SOVEREIGN—Continued.

## EXPENDITURE.

<i>For Fire Risks.</i>	In Canada.	In other Countries.	
Amount paid during the year for losses occurring in previous years (which losses were estimated in the last statement at \$10,542 26). .....	\$ 9,356 43	.....	
Amount paid for losses occurring during the year.....	\$78,880 12	\$2,643 30	
Less received for re-insurances.....	9,425 43	.....	
Net amount paid for said losses.....	<u>\$69,454 69</u>	<u>\$2,643 30</u>	
<b>Total net amount paid during the year for fire losses viz. :—</b>			
In Canada.....	\$78,811 12		
Other countries.....	2,643 30		
			<u>\$81,454 42</u>
Amount of dividends paid during the year.....			8 22
Commission or brokerage.....			24,929 24
Salaries and all other charges of officials.....			12,358 76
Miscellaneous payments, viz. :—Agents' expenses, \$2,877.44; rent, gas, taxes, and Quebec municipal taxes, \$1,215.09; advertising and printing, \$1,727.46; office books, policy books and stationery, \$497.51; postage, express, telegrams and exchange, \$1,830.04; office expenses, caretakers, &c., \$99.02; legal expenses, \$459.61; adjusting losses, \$1,622.82; office furniture, \$242.29; insurance plans, \$216 00.....			<u>10,787 28</u>
Total cash expenditure.....			<u><u>\$129,537 92</u></u>

SOVEREIGN—Continued.

RISKS AND PREMIUMS.

<i>For Fire Risks.</i>	<i>In Canada.</i>			<i>In other Countries.</i>			<i>Total in all Countries.</i>		
	No.	Amount.	Premiums thereon.	No.	Amount.	Premiums thereon.	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement.	24,115	\$18,730,537	\$235,591 00	.....	.....	.....	\$24,115	\$18,730,537	\$235,591 00
Taken during the year—new	8,690	9,679,908	112,368 39	4,108	\$10,349,167	\$45,018 24	12,798	20,029,075	157,366 63
do renewed	2,551	2,605,989	33,219 79	.....	.....	.....	2,551	2,605,989	33,219 79
Total	35,356	\$31,016,444	\$381,179 18	4,108	\$10,349,167	\$45,018 24	39,464	\$41,365,611	\$426,197 42
Deduct terminated	9,300	8,857,750	134,550 74	6.0	2,085,842	6,798 45	9,920	10,943,572	141,349 19
Gross in force at end of year	26,056	\$22,158,694	\$246,628 44	3,488	\$8,163,345	\$36,219 79	29,544	\$30,422,039	284,848 23
Deduct re-insured	.....	3,189,983	31,612 90	.....	.....	.....	.....	3,189,983	38,261 90
Net in force at 31st December, 1882.	26,056	\$18,968,711	\$208,365 54	3,488	\$8,163,345	\$36,219 79	29,544	\$27,232,056	\$246,585 33

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 SOVEREIGN—*Concluded.*

## CASH ACCOUNT.

1881.	<i>Dr.</i>	
Dec. 31.	To balance in hand and in Banks as at this date.....	\$22,475 31
1882.		
Dec. 31.	To income as above .....	197,173 81
	To received from realization of investments.....	4,360 00
		<u>\$224,009 12</u>
1882.	<i>Cr.</i>	
Dec. 31.	By expenditure during year as above.....	\$129,537 92
	By investments " .....	63,250 00
	By balance in hand and in Banks this date .....	31,221 20
		<u>\$224,009 12</u>
Total number of policies in force at date.....		29,544
Total net amount in force.....		\$27,232,056 00
Total premiums thereon.....		<u>240,585 33</u>

Subscribed and sworn to, 28th February, 1883, by

A. MACKENZIE,  
*President.*  
FRED. A. BALL,  
*Secretary.*

(Received, 2nd March, 1883.)

THE WESTERN ASSURANCE COMPANY.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—Hon. JOHN McMURRICH, | Managing Director—J. J. KENNY.

Principal Office—Toronto.

(Incorporated, August, 1851. Commenced business in Canada, August, 1851.)

CAPITAL.

Amount of joint stock capital authorized .....	\$1,000,000 00
Amount subscribed for.....	800,000 00
Amount paid up in cash.....	<u>400,000 00</u>

(For List of Stockholders, see Appendix.)

ASSETS.

Real Estate—Company's building.....	\$57,440 00
Loans secured by bonds and mortgages on which not more than one year's interest is due, constituting a first lien on real estate.....	26,850 00
Interest due and unpaid on said loans.....	\$880 00
do accrued do do .....	<u>245 00</u>
Total interest carried out .....	1,125 00

Stocks and bonds held by the Company:—

	Par Value.	Market Value.
Arthur debentures .....	\$3,000 00	3,840 00
Town of Barrie .....	2,500 00	2,575 00
Township of Fenelon.....	4,707 31	6,730 21
do Howick .....	3,500 00	3,605 00
Town of Lindsay .....	3,500 00	3,605 00
do Listowell.....	2,000 00	2,400 00
do Owen Sound .....	13,000 00	13,390 00
Palmerston .....	15,000 00	15,750 00
Township of St. Vincent.....	300 00	300 00
Town of Stratford .....	12,000 00	13,660 00
Municipality of Shuniah .....	35,000 00	37,800 00
City of Toronto.....	18,600 00	20,452 00
Village of Uxbridge .....	10,500 00	10,500 00
Town of Whitby .....	16,250 00	16,250 00
United States registered bonds .....	476,000 00	549,320 00
Georgia State bonds.....	25,000 00	27,000 00
Canadian Bank of Commerce stock .....	51,850 00	72,590 00
Ontario Bank stock.....	2,500 00	2,875 00
Dominion Savings and Investment Co. stock.....	15,000 00	18,000 00
Imperial Loan and Investment Co. stock.....	41,800 00	43,980 00
Dominion of Canada 5 per cent. stock.....	5,350 00	5,885 00
New York Central and Hudson River Railway bonds...	75,000 00	100,500 00

Total par and market value..... \$832,357 31 \$972,607 21

Carried out at market value.....	972,607 21
Cash on hand at head office.....	1,670 36
Cash deposited in Mississippi.....	15,000 00



## WESTERN—Continued.

## Cash in banks, viz:—

Canadian Bank of Commerce, Toronto.....	\$23,725 63
do do New York.....	19,829 62
Corn Exchange, National Bank, Chicago.....	1,800 77
Farmers' and Merchants' National Bank, Buffalo.....	4,93 76
Bank of Nova Scotia, St. John, N.B.....	2,670 85
Merchants' Bank of Halifax, Halifax, N.S.....	1,508 74
Union Loan and Savings Co. Deposit, Toronto.....	20,000 00

Total.....	74,471 37
Interest due and accrued and unpaid on stocks, &c.....	2,707 95
Agents' balances.....	92,433 64
Bills receivable.....	69,834 90

## Sundry, viz:—

Unpaid premium account.....	\$2,457 47
Marine property, (wrecking lines, &c.).....	350 03
Office furniture, &c.....	6,979 50
Due from other companies for re-insurance.....	28,603 34
	<u>38,390 34</u>

Gross assets.....	\$1,352,530 77
Amount which should be deducted on account of bad or doubtful Agents' balances, \$992.99; Bills receivable, \$3,387.96; Sundry, \$1,509.50.....	5,890 45
*Total assets.....	<u><u>\$1,346,640 32</u></u>

## LIABILITIES.

(1.) *Liabilities in Canada.*

## Net amount of unsettled losses, not resisted:—

Fire.....	\$26,578 75
Inland marine.....	6,145 04
Ocean.....	14,314 37
	<u>\$47,038 16</u>

\*Amount deposited with the Governments of various States and countries.

	Amount of Deposit.
Dominion of Canada.....	\$ 57,700 00
Virginia 4½ per cent. registered U.S. bonds.....	40,000 00
Ohio 4½ do do.....	100,000 00
California 4½ do do.....	100,000 00
North Carolina—4 per cent. registered bonds.....	10,000 00
Georgia—Georgia State bonds.....	25,000 00
Mississippi. { Cash.....	15,000 00
{ 4 per cent. registered bonds.....	10,000 00
New York—U.S. bonds.....	216,000 00

The following are in the hands of the Company's trustees in the State of New York:—

New York Central and H.R.R.R. bonds.....	\$75,000 00
Canadian Bank of Commerce stock.....	50,000 00
Dominion Savings and Investment Company stock.....	15,000 00
Imperial Loan and Savings Company stock.....	40,000 00
Dominion of Canada stock.....	5,350 00

WESTERN—*Continued.*

Net amount of ocean losses, resisted, and in suit.....	7,000 00
Total net amount of unsettled claims for losses in Canada.....	<u>\$54,038 16</u>
(Of this amount \$4,405.34, Ocean losses, were accrued previous to 1882.)	
Reserve of unearned premiums for outstanding risks in Canada:—	
Fire.....	\$208,763 72
Inland marine.....	1,378 89
Ocean.....	55,825 31
Total reserve of unearned premiums for risks in Canada.....	<u>265,967 92</u>
Dividends declared but not yet due.....	<u>21,000 00</u>
Total liabilities (excluding capital stock) in Canada.....	<u><u>\$344,006 08</u></u>

(2.) *Liabilities in other Countries.*

Net amount of losses unsettled, not resisted:—	
Fire—(\$2,158 of this accrued in previous years).....	\$47,037 99
Inland marine.....	15,951 40
Total net amount of unsettled claims in other countries.....	<u>\$62,989 39</u>
Reserve of unearned premiums:—	
Fire.....	\$405,716 62
inland marine.....	6,124 31
Total reserve.....	<u>411,840 93</u>
Commission and brokerage on uncollected premiums.....	<u>12,278 61</u>
Total liabilities in other countries.....	<u><u>\$487,108 93</u></u>
Total liabilities (excluding capital stock) in all countries.....	<u><u>\$831,115 01</u></u>
Capital stock paid up.....	<u>\$100,000 00</u>
Surplus beyond all liabilities and paid-up capital stock.....	<u><u>\$115,525 31</u></u>

## INCOME.

<i>For Fire Risks.</i>	In Canada.	In other Countries.
Gross cash received for premiums.....	\$382,268 73	972,466 61
Deduct re-insurance, rebate, abatement and return premiums.....	69,648 00	185 623 44
Net cash received for fire premiums.....	<u>\$312,620 73</u>	<u>786,843 17</u>
(Bills and notes received during the year for premiums and remaining unpaid, \$3,403.52.)		
<i>For Inland Marine Risks.</i>		
Gross premiums received in cash.....	\$30,502 21	\$73,747 64
Gross cash received on bills or notes taken for premiums.....	39,369 41	37,430 51
Gross cash received for premiums.....	\$69,871 62	\$111,178 15
Deduct re-insurance, &c.....	18,789 52	9,379 11
Net cash received for inland marine premiums.....	<u>\$51,082 10</u>	<u>\$101,799 04</u>
(Bills or notes received during the year for premiums and remaining unpaid, \$7,419.00)		

## WESTERN—Continued.

*For Ocean Risks.*

Gross premiums received in cash .....	\$141,762 21	
Gross cash received on bills or notes taken for premiums .....	51,269 99	
	<hr/>	
Gross cash received for premiums .....	\$196,032 20	
Deduct re-insurance, &c. ....	75,602 99	
	<hr/>	
Net cash received for ocean premiums .....	\$120,429 21	
	<hr/>	
(Bills and notes received during the year for ocean premiums and remaining unpaid \$51,586 43.)		
Total net cash received for premiums .....	\$484,132 04	\$888,642 21
	<hr/>	<hr/>
Total net cash received for premiums in all countries.....	\$1,372,774 25	
Received for interest and dividends .....	51,983 17	
	<hr/>	
Total cash income.....	\$1,424,757 42	

## EXPENDITURE.

<i>For Fire Losses.</i>	In Canada.	In other Countries.
Paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$73,844 44) .....	\$6,871 24	\$72,941 28
	<hr/>	<hr/>
Paid for losses occurring during the year .....	\$202,469 02	\$604,019 04
Less received for re-insurance.....	34,862 48	30,447 52
	<hr/>	<hr/>
Net amount paid for said losses.....	\$167,606 54	\$573,571 52
	<hr/>	<hr/>
Total net amount paid during the year for fire losses.....	\$174,477 78	\$616,512 80

*For Inland Marine Losses.*

Paid during the year for losses occurring in previous years (which losses were estimated in last statement at \$17,176 34.) .....	\$5,582 73	\$16,726 01
	<hr/>	<hr/>
Paid for losses occurring during the year .....	\$45,273 88	\$42,211 96
Less savings and salvage and re-insurance.....	27,475 70	.....
	<hr/>	<hr/>
Net amount paid for said losses .....	\$17,803 18	\$42,211 96
	<hr/>	<hr/>
Total net amount paid during the year for inland marine losses.....	\$23,385 91	\$58,937 97

Total net amount paid during the year for fire and inland marine losses, viz: —

In Canada .....	\$197,863 69	
In other countries.....	705,450 77	
	<hr/>	
Total.....		\$903,314 46
Net amount paid during the year for ocean losses .....		133,777 40
(Of this amount \$25,305. 96 was incurred in previous years)		
Paid for dividends on capital stock, at 12 per cent.....		48,000 00
Commission or brokerage.....		216,363 49
Salaries and all other charges of officials.....		22,092 29
Taxes .....		16,947 03

## WESTERN—Continued.

## Miscellaneous payments, viz. :—

Expenses.....	\$99,729.54	
Postage and telegrams.....	8,205.67	
Marine expenses.....	13,372.31	
		<u>121,307 52</u>
Total cash expenditure.....		<u>\$1,461,802 19</u>

## CASH ACCOUNT.

1881.

*Dr.*

Dec. 31. To balance in hand and in banks as at this date .....	\$ 68,319 41
1882.	
Dec. 31. To income as above.....	1,424,757 42
Received from realization of investments.....	160,464 91
Received for re-assurances.....	11,714 55
Received for account written off.....	70 70
Sundries to balance .....	427 29
	<u>\$1,665,754 28</u>

1882.

*Cr.*

Dec. 31. By expenditure during year as above.....	\$1,461,802 19
Investments during year.....	107,313 25
Cash advanced on account of re-insured losses.....	20,497 11
Balance in hand and in banks this date.....	76,141 73
	<u>\$1,665,754 28</u>

## WESTERN—Concluded.

## RISKS AND PREMIUMS.

	IN CANADA.		IN OTHER COUNTRIES.		TOTAL IN ALL COUNTRIES.	
	Amount.	Premiums.	Amount.	Premiums.	Amount.	Premiums.
<i>Fire Risks.</i>	\$	\$ cts.	\$	\$ cts.	\$	\$ cts.
Gross policies in force at date of last statement...	33,603,143	381,842 01	53,186,190	758,914 69	86,789,333	1,140,756 70
Taken during the year (new and renewed).....	33,780,623	387,898 55	68,364,550	943,252 59	102,145,173	1,331,151 14
Total.....	67,383,766	769,740 56	121,550,740	1,702,167 28	188,934,506	2,471,907 84
Deduct terminated.....	31,098,041	320,372 49	59,652,320	848,210 95	90,750,371	1,168,583 44
Gross in force at end of year.....	36,285,725	449,368 07	61,898,410	853,956 33	98,184,135	1,303,324 40
Deduct re-insured.....	3,788,891	53,398 06	2,662,762	54,364 71	6,451,653	107,762 77
Net in force 31st Dec., 1882.	32,496,834	395,970 01	59,235,648	799,591 62	91,732,482	1,195,561 63
<i>Inland Marine Risks.</i>						
Gross policies in force at date of last statement...	93,815	5,844 98	74,868	4,801 63	168,683	10,646 61
Taken during the year....	5,208,939	69,657 16	20,805,677	110,478 85	26,014,616	180,136 01
Total.....	5,302,754	75,502 14	20,880,545	115,280 48	26,183,299	190,782 62
Deduct terminated.....	5,218,286	70,772 89	20,321,398	101,599 41	25,539,684	172,372 30
Gross in force at date.....	84,468	4,729 25	559,147	13,681 07	643,615	18,410 32
Deduct re-insured.....	39,000	1,971 46	17,234	1,432 45	56,234	3,403 91
Net in force 31st Dec., 1882	45,468	2,757 79	541,913	12,248 62	587,381	15,006 41
<i>Ocean Risks.</i>						
Gross policies in force at date of last statement...	511,565	44,832 39	.....	.....	511,565	44,832 39
Taken during the year....	9,121,578	222,171 10	.....	.....	9,121,578	222,171 10
Total.....	9,633,143	267,003 49	.....	.....	9,633,143	267,003 49
Deduct terminated.....	8,778,450	206,797 56	.....	.....	8,778,450	206,797 56
Gross in force at end of year.....	854,693	60,205 93	.....	.....	854,693	60,205 93
Deduct re-insured.....	118,248	4,380 62	.....	.....	118,248	4,380 62
Net in force 31st Dec., 1882	736,445	55,825 31	.....	.....	736,445	55,825 31

Total number of policies in force at date..... No return  
 Total net amount in force .....\$93,056,308 00  
 Total premiums thereon..... 1,266,393 35

Subscribed and sworn to, 13th March, 1883.

J. J. KENNY,  
*Managing Director.*

JAS. BOOMER,  
*Secretary.*

(Received 14th March, 1883.)

**STATEMENTS**

**MADE BY**

**LIFE INSURANCE COMPANIES**

**IN COMPLIANCE WITH**

**THE CONSOLIDATED INSURANCE ACT OF 1877.**

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## LIST OF COMPANIES

DULY LICENSED FOR THE TRANSACTION OF **LIFE INSURANCE**  
 BUSINESS IN THE DOMINION, FOR THE YEAR ENDED  
 31st DECEMBER, 1882.

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The Aetna Life Insurance Company of Hartford, Conn.  
 The Briton Life Association (Limited).  
 \*The Briton Medical and General Life Association, London, England.  
 The Canada Life Assurance Company, Hamilton.  
 The Citizens' Insurance Company of Canada.  
 The Commercial Union Assurance Company of London, England.  
 The Confederation Life Association of Canada.  
 \*The Connecticut Mutual Life Insurance Company of Hartford, Conn.  
 The Dominion Safety Fund Life Association.  
 \*The Edinburgh Life Assurance Company.  
 The Equitable Life Assurance Society of the United States, N.Y.  
 The Federal Life Assurance Company of Ontario.  
 The Life Association of Canada.  
 \*The Life Association of Scotland.  
 The Lion Life Insurance Company (Limited), London, England.  
 The Liverpool and London and Globe Insurance Company.  
 The London and Lancashire Life Assurance Company.  
 The London Assurance Corporation, England.  
 The Metropolitan Life Insurance Company of New York.  
 \*The National Life Insurance Company of the United States of America.  
 †\*The New York Life Insurance Company.  
 The North American Life Assurance Company.  
 The North British and Mercantile Insurance Company.  
 \*The North-Western Mutual Life Insurance Company of Milwaukee.  
 The Ontario Mutual Life Assurance Company.  
 \*The Phoenix Mutual Life Insurance Company, Hartford, Conn.  
 The Queen Fire and Life Insurance Company, England.  
 The Reliance Mutual Life Assurance Society, London, England.  
 The Royal Insurance Company.  
 \*The Scottish Amicable Life Assurance Society.  
 \*The Scottish Provident Institution.  
 \*The Scottish Provincial Assurance Company.  
 The Standard Life Assurance Company of Scotland.  
 The Star Life Assurance Society of England.  
 The Sun Life Assurance Company of Canada.  
 The Toronto Life Assurance and Tontine Company.  
 The Travelers' Insurance Company of Hartford, Conn.  
 The Union Mutual Life Insurance Company of Maine.  
 The United States Life Insurance Company.

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\* The licenses of these Companies expired on the 31st March, 1878, so far as relates to new business.

† The license of this Company has been renewed in 1883





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 THE ÆTNA LIFE INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—MORGAN G. BULKELEY. | *Secretary*—J. L. ENGLISH.  
*Principal Office*—Hartford, Conn., U.S.  
*Agent in Canada*—WILLIAM H. ORR. | *Head Office in Canada*—Toronto.  
 (Organized or Incorporated, 1850. Commenced business in Canada, 1850.)

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## CAPITAL.

Amount of capital authorized, subscribed for, and paid up in cash.....	\$750,000 00
Gross amount of premiums received in cash during the year on life policies in Canada.....	\$495,916 63
Gross amount of notes, loans or liens taken during the year in payment of premiums in Canada.....	9,607 34
<b>Total net premium income.....</b>	<b>\$505,523 97</b>
Amount paid during the year on claims in Canada, viz. :—	
On account of death claims.....	\$79,090 27
do matured endowments.....	75,774 00
Net amount paid on account of claims.....	\$154,864 27
Amount paid for surrendered policies.....	3,665 13
do dividends or bonuses to policy-holders.....	63,970 04
<b>Total net amount paid to policy-holders in Canada.....</b>	<b>\$222,499 44</b>

## ASSETS IN CANADA.

Province of Quebec bonds deposited with Receiver-General.....	\$ 25,000 00
United States bonds, 4½ per cent. funded loan of 1891, deposited with Receiver-General.....	300,000 00
Other Canadian investments, viz. :—	
Mortgages on real estate in Canada.....	500 00
<b>Total assets in Canada.....</b>	<b>\$325,500 00</b>

## LIABILITIES IN CANADA.

*Under Policies issued previous to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted.....	\$13,095 00
Amount of claims in Canada resisted (accrued in previous years).....	7,000 00
† Amount estimated to cover the net reserve or re-insurance value on all outstanding policies in Canada.....	\$1,807,773 90
Deduct amount of deferred and outstanding premiums less cost of collection at 10 per cent.....	\$12,126 41
Deduct premium notes.....	82,573 63
Deduct loans on policies.....	36,500 30
	131,200 34
Difference carried out.....	1,676,573 56
<b>Total net liabilities to said policy-holders in Canada.....</b>	<b>\$1,696,668 56</b>

† Estimated from actual 4 per cent. valuation.

ÆTNA LIFE—Continued.

LIABILITIES IN CANADA.

*Under Policies issued subsequent to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted.....	\$17,529 00
*Amount computed to cover the net reserve or re-insurance value on all outstanding policies in Canada.....	\$439,832 20
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent.....	\$38,625 81
Deduct loans on policies.....	5,451 71
	44,077 52
Difference carried out... ..	395,754 68
† Total net liabilities to said policy-holders in Canada....	\$413,283 68
Total net liabilities to all policy-holders in Canada.....	\$2,109,952 24

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	1,420
Amount of said policies.....	\$2,478,401 00
Number of policies become claims in Canada during the year...	141
Amount of said claims.....	167,214 00
Number of policies in force in Canada at date.....	10,090
Amount of said policies.....	13,093,994 00

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
(1.) By death.....	69	\$93,007 00
(2.) maturity.....	72	74,207 00
(3.) expiry.....	5	7,000 00
(4.) surrender (for which cash value has been paid) \$3,655.13) .....	96	{ 67,348 00
(5.) surrender, \$61,312 (for which paid up policies have been granted to amount of \$29,278) Difference of amounts carried out...)		
(6.) lapse .....	203	32,034 00
		409,334 00
Total.....	445	\$682,930 00

Policies in force at beginning of year.....	9,087	\$11,370,008 00
Policies issued during the year.....	1,677	2,843,824 00
Policies terminated as above and by change to paid-up policies	445	712,208 00
Policies not taken.....	229	407,630 00
Policies in force at date of statement.....	10,090	13,093,994 00

\*American table of mortality, 4½ per cent. interest. Actual calculation.  
 †Covered by a deposit with Receiver General of \$435,000.

ÆTNA LIFE—Continued.

Number of insured lives at beginning of year.....	7,761
Number of new insurers during the year.....	1,104
Number of deaths during the year among insured.....	61
Number of insured whose policies have been terminated during the year otherwise than by death.....	59
Number of insured lives at date of statement.....	8,745

DETAIL OF POLICIES ISSUED SINCE 31ST MARCH, 1878.

	No.	Amount.
Policies in force at beginning of year in Canada.....	3,486	\$4,929,658
Policies issued during the year.....	1,677	2,843,824
Policies terminated as above and by change to paid-up policies.....	280	477,545
Policies not taken.....	229	407,630
Policies in force at date of statement.....	<u>4,654</u>	<u>6,888,307</u>

Subscribed and sworn to, 5th April, 1883, by

J. L. ENGLISH,  
*Secretary.*

(Received, 7th April, 1883.)

GENERAL BUSINESS FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(As returned to the Commissioner, State of Connecticut.)

INCOME DURING THE YEAR 1882.

Total premium income.....	\$2,519,437 55
Cash received for interest upon mortgage loans.....	731,655 20
do do on bonds owned and dividends on stock.....	548,668 46
do do on premium notes, loans and liens.....	117,045 61
do do on other debts due the Company.....	38,606 92
do do on deposits.....	69,658 41
do as discount for claims paid in advance.....	8,154 32
Total income.....	<u>\$4,033,226 47</u>

DISBURSEMENTS DURING THE YEAR 1882.

Total amount actually paid for losses and matured endowments.....	\$1,730,429 32
Cash paid for surrendered policies.....	37,458 33
Premium notes, loans or liens used in purchase of surrendered policies, and voided by lapse.....	38,855 83
Cash surrender values, including reconverted additions, applied in pay- ment of the premiums.....	147,952 58
Cash dividends paid to policy holders.....	355,425 92
Premium notes, loans or liens used in payment of dividends to policy holders.....	150,818 02
Cash paid stockholders for interest or dividends.....	75,000 00
General expenses.....	518,924 90
Total disbursements.....	<u>\$2,054,864 90</u>

ÆTNA LIFE—Concluded.

## ASSETS.

Cost of real estate, less encumbrances.....	\$ 459,486 88
Loans on bonds and mortgages (first liens) on real estate.....	11,390,681 18
Loans secured by pledge of bonds, stock and other marketable collaterals	571,618 06
Loans made in cash to policy-holders on the Company's policies assign- ed as collaterals.....	217,635 36
Premium notes, loans or liens on policies in force.....	2,297,531 94
Cost value of bonds and stock owned absolutely.....	8,998,702 97
Cash on hand and in banks.....	2,779,543 41
Bills receivable.....	21,859 42
Agents' balances.....	19,010 34
<b>Total net or ledger assets.....</b>	<b>\$26,756,069 56</b>

## OTHER ASSETS.

Interest due and accrued.....	409,461 26
Market value of stock and bonds over cost.....	717,414 93
Net amount of uncollected or deferred premiums.....	175,952 84
<b>Total assets as per books of Company .....</b>	<b>\$28,058,898 59</b>

(Including items not admitted, \$40,869.76.)

## LIABILITIES.

Net re-insurance reserve at Actuaries' Table, 4 per cent .....	\$23,233,676 10
Total unsettled claims.....	348,216 77
Amount of all unpaid dividends or surpluses, or other description of profits due policy holders.....	55,875 12
Premiums paid in advance.....	3,006 92
<b>Total liabilities.....</b>	<b>\$23,640,774 91</b>
<b>Gross surplus on policy-holders' account.....</b>	<b>\$4,418,123 68</b>

## RISKS AND PREMIUMS.

Number of new policies issued during the year.....	5,191
Amount of said policies.....	\$9,525,065 00
Number of policies terminated during the year.....	3,702
Amount terminated.....	6,438,201 00
Number of policies in force at date of statement.....	59,129
Net amount of said policies.....	82,928,860 44

MORGAN G. BULKELEY,

*President.*

J. L. ENGLISH,

*Secretary.*

HARTFORD, 5th April, 1883.

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 THE BRITON LIFE ASSOCIATION (LIMITED.)
 

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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

Chairman—FRANCIS WEBB.

Actuary and Secretary—

JOHN MESSENT, F.I.A., F.S.S. |

Principal Office—

429 Strand, London, Eng.

Manager in Canada—J. B. M. CHIPMAN.

Head Office in Canada—11 Place d'Armes, Montreal.

(Organized or incorporated 30th October, 1875. Commenced business in Canada—  
License issued, 15th April, 1876.)

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## CAPITAL.

Amount of capital authorized, £500,000 stg., with power to increase to £1,000,000 stg.....	\$2,433,333 33
Amount subscribed for and paid up in cash, £50,000 stg. ....	<u>\$243,333 33</u>
Amount of premiums received in cash during the year on life policies in Canada.....	\$ 2,884 89
Amount paid during the year on account of death claims in Canada	None.

## ASSETS IN CANADA.

Canada 4 per cent. bonds in deposit with Receiver-General.....	<u>\$ 54,993 00</u>
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## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled.....	None.
Net reserve on outstanding policies in Canada (estimate by Department)	\$ 6,000 00
Total liabilities in Canada.....	<u>\$ 6,000 00</u>

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada .....	None.
Number of policies become claims during the year.....	None.
Number of policies in force in Canada at date.....	63
Amount of said policies.....	<u>\$ 113,222 39</u>
Number and amount of policies terminated during the year in Canada :—	
1. By surrender \$2,000. (For which paid-up policies have been granted to amount of \$322.)	No. Amount.
Difference of amounts carried out.....	... \$1,678 00
2. By lapse .....	3 4,000 00
Total.....	<u>3 \$5,678 00</u>

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 BRITON LIFE—*Concluded.*

Policies in force at beginning of year in Canada.....	66	\$118,900	39
Policies terminated as above.....	3	5,678	00
Policies in force at date of statement.....	63	113,222	39
		<u>          </u>	<u>          </u>
Number of insured lives at beginning of year in Canada .....	63		
Number of deaths during the year among insured.....	None.		
Number of insured whose policies have become terminated during the year otherwise than by death.....	3		
Number of insured lives at date of statement.....	60		

Subscribed and sworn to, 30th March, 1883, by

JAMES B. M. CHIPMAN.

(Received, 31st March, 1883.)

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 THE BRITON MEDICAL AND GENERAL LIFE ASSOCIATION.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—FRANCIS WEBB.

Actuary and Secretary—

JOHN MESSENT, F.I.A., F.S.S.

Principal Office—

429 Strand, London, Eng.

Manager in Canada—J. B. M. CHIPMAN.

Head Office in Canada - - - - - 12 Place d'Armes, Montreal.

(Organized or incorporated, 1854; License issued, 1870.)

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 This Company has ceased to transact new business.
 

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## CAPITAL.

Amount of capital authorized and subscribed for £200,000 stg.....	\$973,333 33
Amount paid up in cash at 31st December, 1881, £48,926 5s. stg.....	<u>238,107 75</u>

Amount of premiums received in cash during the year on life policies in Canada.....	<u>\$29,677 36</u>
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Amount paid during the year on account of claims in Canada, viz. :—

On account of death claims.....	\$26,513 58
do      matured endowments .....	<u>1,948 67</u>

Net amount paid on account of claims in Canada.....	\$28,460 25
Amount paid for surrendered policies .....	<u>87 84</u>

Total net amount paid to policy-holders in Canada .....	<u><u>\$28,548 09</u></u>
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## ASSETS IN CANADA.

Cash in deposit with Receiver-General.....	\$103,343 00
Mortgages on real estate in Canada.....	2,000 00
Cash in hand and in banks in Canada .....	<u>9,427 93</u>

Total assets in Canada.....	<u><u>\$114,770 93</u></u>
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## LIABILITIES IN CANADA.

Amount of claims in Canada unsettled but not resisted.....	\$25,133 33
Net amount of premium reserve on policies in Canada.....	No return.

Deduct loans on Association's policies .....	\$14,302 14
Half credit premiums (debts against policies) .....	10,699 21
Suspended premiums      do .....	<u>3,224 60</u>

Total deductions.....	<u><u>\$28,225 95</u></u>
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Difference carried out .....	No return.
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BRITON MEDICAL LIFE—*Concluded.*

MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	14	
Amount of said claims.....		\$ 52,793 67
Number of policies in force in Canada at date.....	378	
Amount of said policies.....		<u>848,151 21</u>

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
1. By death.....	12	\$50,847 00
2. By maturity.....	2	1,946 67
3. By surrender.....	2	1,486 66
(For which cash value has been paid, \$87.84.)		
4. By surrender, \$6,000.		
(For which paid-up policies have been granted to amount of \$1,016.)		
Difference of amounts carried out.....		4,984 00
5. Lapse.....	8	22,953 53
Total.....	<u>24</u>	<u>\$82,217 86</u>

Policies in force at beginning of year in Canada.....	401	\$925,507 27
Policies transferred to this branch.....	1	4,861 80
Policies terminated during the year.....	24	82,217 86
Policies in force at date of statement (exclusive of bonuses).....	378	848,151 21

Number of insured lives at beginning of year.....	351
Number of deaths during the year among insured.....	9
Number of insured whose policies have been terminated during the year otherwise than by death.....	12
Number of insured lives at date of statement.....	330

Subscribed and sworn to, 30th March, 1883, by

JAMES B. M. CHIPMAN.

(Received, 31st March, 1883.)

CANADA LIFE ASSURANCE COMPANY.

STATEMENT FOR THE YEAR ENDING 30TH APRIL, 1882.

President and Managing Director—A. G. RAMSAY.

Secretary—R. HILLS.

Agent—A. G. RAMSAY.

Head Office—Hamilton, Ont.

(Organized, 21st August, 1847; Incorporated, 25th April, 1849; Commenced business in Canada, 21st August, 1847.)

CAPITAL.

Amount of capital authorized and subscribed for .....\$1,000,000 00  
 Amount of capital paid up in cash..... 125,000 00

(For List of Stockholders, see Appendix.)

ASSETS AS PER LEDGER ACCOUNTS.

Value of real estate (without encumbrances) held by the Company, buildings in Hamilton, Toronto and Montreal.....\$ 274,722 0 4  
 Amount secured by way of loans on real estate by bond or mortgage first liens (including ground rents, \$22,441.07 and \$10,000 on Bond over Reversionary interest)..... 1,021,372 22  
 Amount of loans secured by bonds, stocks, or other marketable collaterals ..... 206,725 00

VIZ:—Upon stock and bonds of

	Loans.	Par Value.	Market Value.
Hamilton Gaslight Company.....	\$400 00	\$800 00	\$1,120 00
280 Shares Federal Bank Stock and Life Policies for \$24,000.....	35,000 00	28,000 00	47,600 00
525 Shares Bank of Commerce Stock.....	34,125 00	26,250 00	38,062 50
300 do do do.....	15,000 00	15,000 00	21,750 00
20 Shares Hamilton Provident and Loan Co. Stock.....	2,200 00	2,000 00	2,680 00
40 Shares Bank of Commerce Stock	10,500 00	6,500 00	11,925 00
20 Shares Bank of Montreal Stock			
5 Shares Hamilton Street Railway Co. }			
10 Bonds Canadian Pacific Land Grant....	9,500 00	10,000 00	10,000 00
£25,300 stg. Bonds of Brantford, Norfolk and Port Burwell Railway.....	100,000 00	123,127 51	123,127 51
	<u>\$206,725 00</u>	<u>\$211,677 51</u>	<u>\$256,265 01</u>

\*Amount of loans as above on which interest has not been paid within one year previous to statement..... \$2,605 64

Amount of loans made in cash to policy-holders on the Company's policies assigned as collaterals..... 324,847 21  
 †Premium obligations on policies in force..... 203,164 41.

Debentures owned by the Company :—

City—	Par value.
Hamilton.....	\$69,000 00
Montreal, Q.....	97,000 00
Belleville.....	111,500 00
Brantford.....	14,500 00
Guelph.....	5,100 00
Winnipeg, Man.....	92,000 00
Three Rivers, Q.....	16,000 00
	<u>\$405,100 00</u>

\* All since paid.  
 † Being debts upon half credit policies.

## CANADA LIFE—Continued.

## Debentures held by the Company—Continued.

County—Hastings.	Municipality.	Par Value.
Renfrew		\$8,000 00
Brome, Q.		11,500 00
Drummond, Q.		15,000 00
Elgin		28,000 00
Wellington		5,000 00
Kent		8,000 00
Oxford		8,000 00
Haldimand		2,100 00
Compton, Q.		2,000 00
Digby, N. S.		125,973 34
Middlesex		61,800 00
		20,000 00
		<u>\$295,173 34</u>
<b>Town—Windsor.</b>		<b>\$63,000 00</b>
Galt		20,000 00
St. Thomas		20,000 00
Lindsay		52,000 00
Stratford		36,550 35
Guelp		18,150 09
Tilsonburg		6,600 00
Ingersoll		61,000 00
Simcoe		2,500 00
Woodstock		6,000 00
Sarnia		4,000 00
St. Johns, Q.		60,000 00
Mitchell		24,000 00
Sorel, Q.		9,000 00
Bowmanville		21,545 00
Goderich		6,000 00
Kincardine		11,000 00
Peterboro'		14,500 00
Barrie		22,500 00
Beauharnois, Q.		10,000 00
St. Mary's		14,879 66
Sherbrooke, Q.		13,100 00
Strathroy		20,000 00
Collingwood		10,000 00
Seaforth		4,000 00
Orangeville		15,000 00
Orillia		12,500 00
St. Henri, Q.		2,821 88
		<u>\$567,646 89</u>
<b>Harbor—Montreal.</b>		<b>\$113,000 00</b>
<b>Village—Listowel.</b>		<b>\$20,000 00</b>
Clinton		22,500 00
Exeter		10,000 00
Caledonia		14,000 00
Hochelaga, Q.		80,000 00
Coaticook, Q.		16,455 81
Yorkville		3,400 00
Georgetown		7,300 00
St. Onegonde, Q.		87,000 00
Harriston		4,112 01
St. Jean Baptiste, Q.		35,000 00
Wingham		2,500 00
Côteau St. Louis, Q.		16,150 00
Alliston		7,050 00
Brampton		2,000 00
Madoc		7,500 00
Glencee		1,870 00
Brussels		9,000 00
St. Gabriel, Q.		65,000 00
Parkdale		80,000 00
Blyth		3,300 00
		<u>\$494,137 82</u>

## CANADA LIFE—Continued.

## Debentures held by the Company—Continued.

Municipality.	Par Value.
<i>Township—Hatley, Q.</i> .....	\$25,000 00
Ascot .....	21,700 00
Eldon .....	14,500 00
Minto .....	1,000 00
Dudswell, Q.....	22,000 00
Dereham .....	6,750 00
Culross .....	20,000 00
Lochiel .....	9,000 00
Orillia and Matchedash .....	700 00
Elderslie .....	5,000 00
Weedon, Q.....	24,000 00
Wallace .....	10,000 00
Turnberry.....	10,000 00
Morris .....	3,000 00
Elma .....	11,000 00
Dover, East and West.....	17,264 57
Woodhouse.....	4,000 00
Enniskillen.....	8,310 00
Howard.....	1,125 00
Mara.....	8,600 00
East Wawanosh.....	13,000 00
Usborne.....	500 00
Stephen .....	4,500 00
Bolton, Q.....	12,000 00
Grantham, Q.....	11,503 85
Albion.....	4,000 00
Yarmouth, N.S.....	59,200 00
Oneida .....	1,850 00
Melbourne and Brompton Gore, Q.....	5,000 00
Harwich .....	788 00
Chatham.....	5,041 07
Goafeld.....	9,075 00
Colchester.....	4,445 00
Nottawasaga.....	2,400 00
Eastnor, Lindsay and St. Edmonds.....	3,000 00
	<b>\$359,252 49</b>
<i>Synopsis—City</i> .....	\$405,100 00
County.....	295,173 34
Town.....	567,646 89
Harbor.....	113,000 00
Township.....	359,252 49
Village.....	494,137 82

Total Municipal debentures carried out at par value..... 2,234,310 54

## Stocks and bonds held by the Company:—

	Par Value.	Market Value.
<i>Stocks—Bank of Montreal</i> .....	\$55,000 00	\$116,050 00
Bank of Commerce.....	50,000 00	72,500 00
do Hamilton .....	30,000 00	33,000 00
Dominion Bank.....	35,000 00	74,200 00
Canada Landed Credit Co.....	5,000 00	6,500 00
Ontario Trust Co.....	10,000 00	10,000 00
	<b>\$185,000 00</b>	<b>\$317,250 00</b>
<i>Government—Ontario</i> .....	\$4,728 65	\$4,728 65
<i>Bonds—Canadian Pacific Land Grant Bonds</i> .....	\$150,000 00	\$150,000 00
<i>Synopsis—Stocks</i> .....	\$185,000 00	\$317,250 00
Government .....	4,728 65	4,728 65
Bonds.....	150,000 00	150,000 00
<b>Total</b> .....	<b>\$339,728 65</b>	<b>\$471,978 65</b>

## CANADA LIFE—Continued.

Value of stocks, &c. carried out at market value.....	471,978 65
Cash at head office.....	22 68
Cash in banks, viz:—	
Bank of Montreal.....	\$8,501 78
National Bank of Scotland.....	51 99
	<u>8,553 77</u>
Total .....	\$1,745,696 52

## OTHER ASSETS.

Interest due .....	\$ 2,005 95
do accrued .....	85,937 84
Total carried out.....	\$87,943 79
Rents due.....	\$ 481 58
do accrued .....	1,013 81
Total carried out.....	1,495 39
Gross premiums due and uncollected on policies in force.....	\$199,165 13
Gross deferred premiums on same.....	112,224 24
Total outstanding and deferred premiums.....	\$311,389 37
Deduct cost of collection at 10 per cent.....	21,138 94
Net outstanding and deferred premiums.....	280,250 43
Office furniture at head office and branches .....	2,575 00
Items in suspense account .....	611 40
Total assets.....	<u>\$5,118,572 53</u>

## LIABILITIES.

*Amount computed or estimated to cover the net present value of all policies in force.....	\$4,468,890 93
Deduct value of policies re-insured in other companies .....	10,875 61
Not re-insurance reserve .....	\$1,458,015 32
Claims for death losses due and unpaid .....	\$5,785 16
(Of this \$785.16 accrued in previous years).	
do adjusted, but not due .....	21,372 50
do unadjusted, but not resisted .....	23,000 00
Total .....	50,157 66
Amount of dividends or bonuses to policy-holders due and unpaid (including \$8,279.20, bonuses on death claims).....	\$ 15,772 75
Total liabilities .....	<u>\$4,523,945 73</u>
Surplus of assets over liabilities available for protection of policy-holders.	\$594,626 80
Of which has been carried to proprietors' account .....	106,334 47
Leaving surplus on policy-holders' account.....	<u>\$488,292 33</u>

\*Upon basis of Institute of Actuaries H. M. experience table of mortality, and interest at 4½ per cent, as computed at 30th April, 1880, with addition estimated on Company's experience.

## CANADA LIFE—Continued.

Capital stock paid up .....	\$125,000 00
Surplus above all liabilities (including capital stock paid up and the amount as above carried to proprietors' account).....	<u>363,292 33</u>

## INCOME.

Cash received for premiums.....	\$656,972 84
Premium obligations taken in part payment of premiums .....	1,899 95
Premiums paid by dividends including reconverted additions .....	77,873 67
Total.....	<u>\$736,746 46</u>
Deduct premiums paid to other companies for re-insurance .....	3,736 24
Total premium income.....	\$733,010 22
Received for interest or dividends.....	265,148 96
Received for rents.....	5,766 39
Profit on sales of debentures.....	502 50
Total income.....	<u>\$1,004,428 07</u>

## EXPENDITURE.

Cash paid for death claims.....	\$201,956 47
*Premium obligations used in payment of same.....	3,085 39
Total amount paid for death claims.....	<u>\$205,041 86</u>
Cash paid for matured endowments.....	\$7,000 00
Net amount paid for endowment claims.....	7,000 00
Cash paid to annuitants.....	648 00
Cash paid for surrendered policies.....	18,704 38
*Premium obligations used in purchase of surrendered policies.....	1,100 45
*The same voided by lapse.....	1,115 24
Cash dividends paid to policy-holders.....	64,250 33
(Including \$29,900.52 being bonuses paid on account of death claims and \$1,326.54 bonuses on matured endowments.)	
Cash dividends applied in payment of premiums.....	77,873 67
*Premium obligations used in payment of dividends to policy-holders.	2,976 22
Cash paid stockholders for interest or dividends.....	18,750 00
Commissions, salaries and other expenses of officials.....	103,453 78
Taxes, licenses, fees or fines.....	1,971 72
Miscellaneous payments, viz. :—	
Medical fees, \$8,190.58; solicitor's charges, \$1,620.30; travelling expenses of agents and others, \$6,780.06; rents, \$5,075.82; fuel, \$37.75; gas, \$211.99; stationery, \$1,136.01; printing and advertising, \$5,082.70; books, periodicals, &c., \$398.15; postage, exchange, &c., \$4,228.74; sundries, including water rates, express charges, guarantee premiums, cleaning offices, \$1,798.87; office furniture, \$611.03.....	35,222 00
Total expenditure.....	<u>\$538,107 65</u>

\*Being half credit debts.

## CANADA LIFE—Continued.

## †PREMIUM NOTE ACCOUNT.

Premium obligations on hand at commencement of year.....	\$214,741 69
do received during the year.....	1,899 95
(Amount included for revived policies which had been previously written off.)	
Total.....	<u>\$216,641 64</u>

## Deductions during the year, viz. :—

Amount of obligations used in payment of claims... ..	\$3,085 39
do do purchase of surrendered policies....	1,100 45
do do payment of dividends to policy-holders	2,976 22
do voided by lapse.....	1,115 24
do redeemed in cash.....	5,199 93

Total deductions..... \$13,477 23

Balance, premium obligations at end of year..... \$203,164 41

## MISCELLANEOUS.

Number of new policies reported during the year as taken in in Canada.....	1,936
Amount of said policies.....	\$3,753,535 00
Number of policies become claims in Canada during the year... ..	128
Amount of said claims .....	\$ 210,182 20
Add bonus profits .....	31,635 85
	<u>241,818 05</u>
Number of policies in force in Canada at date.....	15,202
Amount of said policies (including matured endowments) .....	\$25,901,718 51
Add bonus profits.....	1,528,007 05
Total.....	<u>\$27,429,725 56</u>
Deduct amount of said policies re-insured in other licensed companies in Canada, including \$3,866.71 bonus profits.....	136,949 71
Net policies in force at 30th April, 1882.....	<u>\$27,292,775 85</u>

Number and amount of policies terminated during the year in Canada,  
not including bonus additions :—

	No.	Amount.
1. By death.....	120	\$ 203,182 20
2. Maturity .....	8	7,000 00
3. Surrender .....	113	144,165 00
(For which cash value has been paid, \$19,804.83.)		
4. Surrender, \$109,500. (For which paid-up policies have been granted to amount of \$38,965.)		
Difference of amounts carried out.....		70,535 00
5. Lapse .....	594	1,000,530 00
Total.....	<u>835</u>	<u>\$1,425,412 20</u>

CANADA LIFE—*Concluded.*

	No.	Amount.
Policies in force at beginning of year (not including bonus profits, \$1,646,239.85) .....	13,998	\$23,378,030 71
Policies issued during the year (including 43 revived policies for \$70,400 00) .....	2,389	4,467,565 00
Policies terminated as above and by change for paid-up policies. ....	891	1,464,377 20
Policies terminated otherwise, being not taken policies of this year, as well as those of previous years, returned by agents .....	294	479,500 00
Gross policies in force at date of statement (not including bonus profits, \$1,528,007.05).....	15,202	25,901,718 51

Bonuses in force at beginning of year.....	\$1,646,239 85
Bonuses revived and changed.....	16,425 20
	<u>\$1,662,665 05</u>

## Bonuses terminated:—

By death and endowment .....	\$29,474 59
By surrender.....	6,874 41
By lapse.....	20,397 03
By change.....	8,647 22
Surrendered.....	69,264 76
	<u>134,658 00</u>

Bonuses in force at end of year.....	<u>\$1,528,007 05</u>
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Number of insured lives at beginning of year.....	11,498
Number of new insurers during the year.....	1,808
Number of deaths during the year among insured.....	105
Number of insured whose policies have been terminated during the year otherwise than by death.....	831
Number of insured lives at date of statement.....	12,370

Subscribed and sworn to, 19th March, 1883, by

A. G. RAMSAY,  
*President.*  
R. HILLS,  
*Secretary.*

(Received 20th March, 1883.)



THE CITIZENS' INSURANCE COMPANY OF CANADA.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—HENRY LYMAN.

Secretary—ARCHIBALD MCGOUN, | Agent or Manager—GERALD E. HART.

Principal Office—Montreal.

(Incorporated 30th June, 1864. Commenced life business in Canada, August, 1868.)

CAPITAL.

(Included in Fire Department Statement.)

ASSETS AS PER LEDGER ACCOUNTS.

Amount of loans made in cash to policy-holders on the Company's policies assigned as collaterals.....	\$4,104 78
Premium obligations on policies in force.....	4,914 86

Stocks and bonds held by the Company, viz: —

	Par Value.	Market Value.
*Montreal Corporation bonds.....	\$48,000 00	\$57,520 20
*Canada Central Railway bonds.....	5,840 00	
*Montreal R. C. School Commissioners' bonds.....	2,000 00	
Montreal Corporation stock.....	17,600 00	20,740 00
Montreal Harbour bonds.....	12,000 00	12,980 00
94 shares Merchants' Bank stock.....	9,400 00	11,562 00
Toronto bonds.....	9,974 00	11,170 88
300 shares Montreal Loan and Mortgage Company.....	15,000 00	15,975 00
<b>Total par and market value.....</b>	<b>\$119,814 00</b>	<b>\$129,948 08</b>

Carried out at market value.....	129,948 08
Cash in Merchants' Bank.....	9,396 17
Agents' ledger balances.....	588 93
<b>Total.....</b>	<b>\$148,932 82</b>

OTHER ASSETS.

Interest due.....	\$2,458 46
do accrued.....	1,046 53
<b>Total carried out.....</b>	<b>3,504 99</b>
Gross premiums due and uncollected on policies in force.....	\$7,258 86
Gross deferred premiums on same.....	5,112 43
<b>Total outstanding and deferred premiums.....</b>	<b>\$12,371 34</b>
Deduct cost of collection at 10 per cent.....	1,237 13
<b>Net outstanding and deferred premiums.....</b>	<b>11,134 21</b>
Cash deposited in court, re claim in suspense.....	859 57
<b>Total assets, Life Department.....</b>	<b>\$164,451 59</b>

\* Deposited with the Receiver General.

CITIZENS'—*Continued.*

## LIABILITIES.

† Amount computed to cover the net reserve on all outstanding policies in force.....	\$146,641 91
Deduct value of policies re-insured in other Companies.....	5,176 81
Net re-insurance reserve .....	\$141,465 10
Claims for death losses adjusted but not due, \$10,000, less one-half re-insured.....	5,000 00
Amount of bonuses to policy-holders due and unpaid.....	691 66
Total liabilities, Life Department.....	\$147,156 76
Surplus on policy-holders' account.....	\$17,294 83

## INCOME DURING THE YEAR

Net cash received for premiums.....	\$39,706 27
Premium obligations taken in part payment for premiums.....	2,779 82
Total.....	\$42,486 09
Deduct premiums paid to other Companies for re-insurances.....	2,259 01
Total premium income.....	\$40,227 08
Amount received for interest or dividends on stock, &c.....	4,997 78
Total income, Life Department.....	\$45,224 86

## EXPENDITURE DURING THE YEAR.

Total amount paid for death claims (including \$8,000 accrued in previous years).....	\$20,400 00
Cash paid for matured endowments .....	200 00
Cash paid for surrendered policies.....	1,254 38
Premium obligations voided by lapse.....	1,192 72
Cash dividends paid to policy-holders.....	138 80
Premium obligations used in payment of dividends to policy-holders...	55 90
Cash paid for commission, salaries and other expenses of officials.....	9,556 45
Cash paid for taxes and rent.....	608 48

All other expenditure, viz. :—

Life tables and valuing policies .....	\$ 188 18
Medical fees.....	916 00
Law charges.....	657 96
Travelling expenses.....	1,962 87
Postages .....	196 30
Printing and advertising.....	225 11
Telegrams, express charges, &c.....	33 15
	4,179 57

Total expenditure, Life Department..... \$37,586 30

† Based on Institute H.M. Table at 4½ per cent. interest. Computed by Department.

CITIZENS'—Continued.

PREMIUM NOTE ACCOUNT.

Premium obligations on hand at the commencement of year.....	\$ 3,383 66
do received during the year.....	2,779 82
Total.....	<u>\$6,163 48</u>
Deductions during the year:—	
Amount of obligations voided by lapse.....	\$1,192 72
do used in payment of bonus to policy-holders.....	55 90
Total deductions.....	<u>1,248 62</u>
Balance, note assets at end of year.....	<u><u>\$4,914 86</u></u>

MISCELLANEOUS

Number of new policies reported during the year as taken in Canada	272	
Amount of said policies.....		\$500,500 00
Number of policies become claims in Canada during the year.....	10	
Amount of said claims (including bonus additions \$24).....	\$23,374 00	
Less amount re-insured in other licensed companies in Canada.....	5,000 00	
Net amount of said claims.....		18,374 00
Number of policies in force in Canada at date.....	863	
Amount of said policies.....	\$1,376,052 56	
Add bonus additions.....	4,916 05	
Total.....	\$1,380,998 61	
Deduct amount of said policies re-insured in other licensed Companies in Canada.....	47,237 00	
Net amount in force, 31st December, 1882.....		<u><u>\$1,333,761 61</u></u>

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death (including bonus additions \$24).....	9	\$23,174 00
2. By maturity.....	1	200 00
3. By surrender (including \$181 bonus additions).....	12	14,181 00
(For which cash value has been paid \$1,254.38.)		
4. By surrender \$23,500.		
(For which paid up policies have been granted to amount of \$2,643.)		
Difference of amounts carried out.....		20,857 00
5. By lapse (including bonus additions \$243.70).....	79	151,393 70
Total.....	<u>101</u>	<u><u>\$209,805 70</u></u>

CITIZENS'—*Concluded.*

	No.	Amount.
Policies in force at beginning of year (including bonus additions \$6,394.74) .....	691	\$1,088,304 31
Policies issued during the year (including 1 revived).....	281	505,143 00
Policies terminated as above and by change to paid up policies (including bonus additions, \$448.70). .....	109	212,448 70
Policies in force at date of statement (including bonus additions, \$4,946.95) .....	863	1,380,998 61

Number of insured lives at beginning of year.....	704
Number of new insurers during the year.....	265
Number of deaths during the year among insured .....	9
Number of insured whose policies have been terminated during the year otherwise than by death.....	92
Number of insured lives at date of statement.....	868

Subscribed and sworn to, 14th March, 1883, by

HENRY LYMAN,  
*President.*  
GERALD E. HART,  
*Chief Agent.*

(Received, 15th March, 1883.)

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**THE COMMERCIAL UNION ASSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—THOMAS RUSSELL, Esq., C.M.G.

Secretary—SAMUEL J. PIPKIN.

Principal Office—19 & 20 Cornhill,  
London, England.

Incorporated, 28th September, 1861.

Agent in Canada—FRED COLE.

Head Office in Canada—Montreal.

(Commenced business in Canada, 11th September, 1863.)

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CAPITAL.

Amount of capital authorized and subscribed for.....	£2,500,000 stg.
Amount paid up in cash.....	250,000 "
Gross amount of premiums received in cash during the year on life policies in Canada.....	\$20,157 17
Gross amount of loans or liens taken during the year in payment of premiums in Canada.....	524 46
Total net premium income.....	\$20,681 63
Amount paid on account of death claims (including bonus additions \$308.07).....	\$10,090 06
Amount paid for surrendered policies.....	1,445 05
Total net amount paid to policy-holders in Canada.....	\$11,535 11

ASSETS IN CANADA.

(Specially Life Department.)

Cape of Good Hope Stock in deposit with Receiver-General, par value.	\$107,066 66
Cash in hand and in banks in Canada.....	3,707 96
Total assets in Canada, Life Department.....	\$110,774 62

(For other Assets, see Fire Department.)

LIABILITIES IN CANADA, LIFE DEPARTMENT.

Under policies issued previous to 31st March, 1873.

*Amount computed to cover the net reserve or re-insurance value on all outstanding policies in Canada.....	\$147,425 93
Deduct amount of outstanding and deferred premiums, less cost of collection at 10 per cent.....	\$3,904 68
Deduct loans and credit premiums, a first lien or charge on security of policies..	6,933 30
Loans advanced within surrender value of policies.....	9,313 30
	20,151 29
Difference carried out.....	\$127,274 64
Total liabilities to said policy-holders in Canada.....	\$127,274 64

\* Reserve based on H. M. Table of Mortality and  $4\frac{1}{2}$  per cent. interest.

COMMERCIAL UNION.—Continued.

LIABILITIES IN CANADA.

*Under Policies issued subsequent to 31st March, 1878.*

*Amount computed or estimated to cover net reserve on all outstanding policies in Canada.....	\$ 6,297 46
Deduct amount of outstanding and deferred premiums, less cost of collection at 10 per cent.....	\$193 19
Deduct credit premiums .....	1,226 44
	1,419 63
Difference carried out.....	\$ 4,877 83
Total net liabilities to said policy-holders in Canada.....	\$ 4,877 83
Total net liabilities to all policy-holders in Canada.....	\$132,152 47

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	9
Amount of said policies.....	\$23,116 66
Number of policies become claims in Canada during the year	6
Amount of said claims (including bonus additions, \$308.07).....	10,090 07
Number of policies in force in Canada at date. ....	301
Amount of said policies.....	\$ 631,795 53
Add bonus additions.....	54,118 06
Total policies in force at 31st December, 1882.....	685,913 59

Number and amount of policies terminated during the year in Canada (exclusive of bonuses), viz :—

	No.	Amount
1. By death.....	6	\$ 9,782 00
2. By surrender .....	2	10,706 69
(For which cash value has been paid, \$1,445.05.)		
3. By surrender, \$973.33.		
(For which paid-up policies have been granted to amount of \$77.87)		
Difference of amounts carried out.....		895 46
4. By lapse.....	2	3,406 66
Total.....	10	\$24,790 81

Policies in force at beginning of year (exclusive of bonuses).....	300	\$631,766 35
Policy revived (not in previous statement).....	1	1,216 67
Policies issued during the year.....	9	23,116 66
Policy transferred from Home Office, London.....	1	486 66
Policies terminated as above.....	10	24,790 81
Policies in force at date of statement (exclusive of bonuses).....	301	631,795 53

\* Reserve based on H. M. Table of Mortality, and 4½ per cent interest.

COMMERCIAL UNION--Continued.

Number of insured lives at beginning of year.....	279
Number of new insurers during the year.....	6
Number of insured whose policies have been revived during the year	1
Number transferred from Home Office, London.....	1
Number of deaths during the year among insured.....	6
Number of insured whose policies have been terminated during the year otherwise than by death.....	2
Number of insured lives at date of statement .....	279

DETAIL OF POLICIES ISSUED SINCE 31st MARCH, 1878.

	No.	Amount
Policies in force at beginning of year in Canada.....	43	93,878 00
Policies issued during the year.....	9	23,116 66
Policies terminated as above.....	3	4,380 00
Policies in force at date of statement.....	49	112,614 66

Subscribed and sworn to, 28th March, 1883, by

FRED. COLE.

(Received 29th March, 1883.)

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

(Abstracted from Directors' Report, London, England, 1882.)

LIFE DEPARTMENT.

The Assurances completed during the year amounted to £363,392, under 550 policies, and the new premiums were £12,504. In addition, a special policy was granted for £28,280 at the single premium of £4,455, the greater part of which was re-assured.

The net claims amounted to £48,203, and were less than the estimate, both as regards number of lives and sums assured.

The life fund has been increased during the year by the sum of £76,929, and now stands at £809,957.

LIFE DEPARTMENT.

*Dr.*

To amount of Life Assurance Fund at the beginning of the year.....	£733,028	2	4
New premiums .....	£ 12,504	9	2
Renewal do .....	111,114	14	2
	£123,619	3	4
Deduct re-assurances.....	14,271	6	9
	109,347	16	7
New single premium .....	£4,455	0	0
Deduct re-assurances.....	4,139	2	0
	315	18	0
Premiums for endowment certain .....	37	17	8
Consideration for annuities.....	2,596	18	8
Interest and dividends .....	33,589	15	10
Fines .....	154	1	0
Exchange .....	91	0	5
	£879,161	10	6

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 COMMERCIAL UNION—*Concluded.*

Cr.

By claims under policies after deduction of sums re-assured .....	£48,203	8	1
Endowment and endowment assurances matured.....	805	0	0
Surrenders .....	5,393	15	8
Annuities.....	1,654	1	0
Cash bonuses to policy-holders.....	35	11	0
Commission .....	4,765	16	5
Expenses of management.....	8,292	14	6
Bad debts .....	53	8	10
Amount of Life Assurance Fund at the end of the year .....	809,957	15	0
	<u>£879,161</u>	<u>10</u>	<u>6</u>

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 BALANCE SHEET OF THE LIFE DEPARTMENT, 31ST DECEMBER, 1882.

Dr.

To assurance fund .....	£809,957	15	0
Life investment reserve fund .....	1,967	1	11
Claims admitted or announced, but not paid.....	11,965	11	2
Re-assurance premiums due.....	1,885	5	4
Commission due .....	2,714	6	11
Surrenders due .....	265	0	9
Annuities due.....	33	2	9
Suspense account .....	76	8	11
	<u>£828,869</u>	<u>12</u>	<u>9</u>

Cr.

By mortgages on property within the United Kingdom.....	£464,756	14	4
“ “ out of “ “ .....	50,300	0	0
Loans on the Company's policies.....	25,433	10	2
Investments:—			
Indian and Colonial Government securities .....	76,464	13	9
*Cape of Good Hope Government securities.....	21,120	0	0
Foreign Government securities .....	14,119	0	6
Railway and other debentures and debenture stocks .....	35,078	4	3
Railway and other preference stocks and shares'.....	23,010	5	6
Parliamentary debenture bonds.....	18,711	7	11
Freehold ground rents.....	14,689	1	7
Life policy purchased .....	922	1	0
Branch and agency balances.....	15,411	5	2
Outstanding premiums.....	8,118	2	5
“ interest.....	2,418	5	7
Cash—On deposit.....	£47,552	6	8
Bankers' current accounts .....	9,319	7	7
In hand.....	114	8	5
	<u>56,986</u>	<u>2</u>	<u>8</u>
Bills receivable.....	1,330	17	11
	<u>£828,869</u>	<u>12</u>	<u>6</u>

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 \* Deposited with Receiver General, Canada.



THE CONFEDERATION LIFE ASSOCIATION.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—  
HON. SIR WM. P. HOWLAND, C.B.; K.C.M.G. | Managing Director and Agent—  
J. K. MACDONALD.

Head Office, - - - TORONTO.

(Organized [or Incorporated, April 14th, 1871; Commenced business in  
Canada, October 31st, 1871.)

CAPITAL.

Amount of capital authorized and subscribed for .....\$1,000,000 00  
Amount paid up in cash..... 80,000 00

(For List of Stockholders, see Appendix.)

ASSETS AS PER LEDGER ACCOUNTS:

Value in account of real estate held by the Company.....\$ 20,741 70  
Amount secured by way of loans on real estate by bond or mortgage,  
first liens..... 716,242 75  
Amount of loans secured by bonds, stocks or other marketable col-  
laterals, viz..... 350 00

	Par Value.	Market Value.	Amount Loaned.
Five shares Bank of Montreal stock.....	\$1,000 00	\$2,030 00	\$350 00

Amount of loans as above on which interest has not been paid within  
one year previous to statement, \$3,740.00.  
Amount of loans made in cash to policy-holders on the Company's  
policies assigned as collaterals..... 19,735 75

Stock, bonds and debentures owned by the Company, viz:—

	Par Value.	Market Value.
City of Toronto debentures.....	\$64,000 00	\$87,299 20
do Hamilton do .....	2,400 00	2,544 00
do Belleville do .....	5,000 00	5,398 50
Township Wood and Medora debentures.....	550 00	579 81
do Muskoka do .....	400 00	434 12
Village of Yorkville do .....	5,653 00	6,105 24
do Mount Forest do .....	4,000 00	4,108 00
Town of Whitby do .....	1,400 00	1,400 00
Village of Arthur do .....	2,500 00	2,672 00
Township of Muskoka do .....	1,200 00	1,274 76
County of Haliburton do .....	1,145 00	1,145 00
Town of Brussels do .....	5,000 00	5,231 50
Township of Minden do .....	234 00	234 00
do Colchester do .....	2,334 00	2,420 82
Village of Ridgetown do .....	1,738 00	1,738 00
Townships of Lutterworth, Anson and Hinden debentures. ....	249 00	249 00
Government 5 p. c. stock.....	4,200 00	4,200 00
	<u>\$102,003 00</u>	<u>\$107,033 95</u>

## CONFEDERATION LIFE—Continued.

Carried out at market value.....		107,033	95
Cash at head office.....			7 09
Cash in banks, viz. :—			
Ontario Bank, Winnipeg.....	\$1,179	32	
Bank of New Brunswick, N.B.....	380	46	
Canadian Bank of Commerce.....	5,485	98	
			7,045. 76
*Bills receivable.....			26,403 90
Agents' ledger balances.....			106 83
Total.....			\$897,667 73

## OTHER ASSETS.

Interest due.....	\$10,867	33	
do accrued.....	19,612	53	
Total.....			30,479 86
Gross premiums due and uncollected on policies in force.....	\$23,823	93	
Gross deferred premiums on same.....	16,141	12	
Total outstanding and deferred premiums.....	\$39,965	05	
Deduct cost of collection at 10 per cent., including bills receivable.....	6,636	87	
Net outstanding and deferred premiums.....			33,328 18
Furniture.....			1,325 20
Disbursements to be repaid by mortgagors.....			878 54
Due from other Companies.....			102 36
Loan to Company's agents secured.....			400 00
Advanced to Company's agents on account of travelling expenses.....			551 00
Advanced to Company's solicitors.....			600 00
Total assets.....			\$965,332 87

## LIABILITIES.

† Amount computed to cover the net present value of all policies in force.....	\$743,957	39	
Deduct net value of policies re-insured in other Companies.....	14,350	44	
	\$729,606	95	
Present value of annuities for \$1,392.30 per annum.....	9,623	57	
Liabilities for temporary reductions.....	33,793	94	
Total net re-insurance reserve.....			\$773,024 46
Liability for unclaimed surrender values.....			1,782 53

\*In Company's own statement this is included in outstanding premiums.

† Reserve at 4½ per cent. based on Table Institute of Actuaries, G. B.

In addition to the valuation of our own actuary, the policy and annuity obligations were valued by Prof. Cherriman on the Government Standard, and by Mr. Sheppard Homans of New York on the Standard of the State of New York, with the following result:

By Prof. Cherriman.....	\$741,426	76
“ Mr. Homans.....	713,846	00
“ Company's Actuary.....	753,580	96

CONFEDERATION LIFE—*Continued.*

Claims for death losses due and unpaid (accrued in 1878 waiting letters of guardianship) .....	\$ 760 50	
Claims for death losses adjusted but not due.....	13,378 00	
‡Total death claims.....		14,138 50
Amount of dividends or bonuses to policy-holders due and unpaid.....		21,496 30
Due on account of general expenses.....		4,370 80
Due on account of loans.....		203 49
<b>Sundry liabilities, viz. :—</b>		
Deposit with Company as guarantee against loss of overdue interest on one mortgage.....	\$ 498 75	
Premiums paid in advance.....	334 12	
Deposited to meet maturing debentures.....	334 61	
Due to Company's agents .....	190 45	
Surrender value of policy waiting majority of beneficiary.....	179 01	
		1,586 97
Held on call on account of matured endowment discharged.....		800 00
<b>Total liabilities.....</b>		<b>\$817,403 05</b>
Surplus on policy-holders account.....	\$147,929 82	
Capital stock paid up.....	80,000 00	
<b>Surplus above all other liabilities and capital.....</b>		<b>\$67,929 82</b>

INCOME DURING THE YEAR.

Cash received for premiums.....	\$225,226 61
Premiums paid by dividends, including temporary reductions .....	44,535 82
Single premiums paid by dividends for the purchase of bonus additions	12,980 13
<b>Total.....</b>	<b>\$282,742 56</b>
Deduct premiums paid to other Companies for re-insurance.....	5,227 93
<b>Total premium income.....</b>	<b>\$277,514 63</b>
Received for interest or dividends on stock.....	52,673 56
Received for rents.....	1,199 34
Refund by Quebec Government for stamps.....	14 50
Profit on sale of investments.....	170 55
Temporary annuities (temporary reductions) paid for by application of profits, \$40,215.03.	
<b>Total.....</b>	<b>\$331,572 58</b>
Received on account of capital stock.....	30,000 00
<b>Total income.....</b>	<b>\$361,572 58</b>

EXPENDITURE DURING THE YEAR.

Cash paid for death claims (including bonuses and cash profits \$826.00)....	\$44,278 18
Cash paid for matured endowments (including bonus \$600, and cash profits \$2,678.63).....	14,848 63
<b>Net amount paid for death claims and matured endowments.....</b>	<b>\$59,126 81</b>

‡ All since paid except \$760.50 waiting letters of guardianship.

CONFEDERATION LIFE—*Continued.*

Cash paid to annuitants.....	1,392 30
Cash paid to temporary annuitants for reduction of premiums.....	7,002 31
Cash paid for surrendered policies .....	3,698 50
Cash dividends paid to policy-holders.....	11,823 75
Cash dividends applied in payment of premiums .....	50,513 64
(Dividends to policy-holders applied to purchase of temporary annuities for future reduction of premiums.....\$40,215.03)	
Cash paid to stockholders for interest or dividends, including bonus voted from stockholders profits .....	8,572 13
Cash dividends applied on call on new shares capital stock.....	30,000 00
Cash paid for commission and salaries and other expenses of officials....	54,074 88
Cash paid for taxes, licenses, fees or fines.....	654 99
Cash paid for rent.....	2,060 30
Other expenditure, viz.:—Medical expenses, \$4,815.00; advertising, \$1,874.43; general expenses, \$2,402.36; postage, \$1,159.66; printing, stationery, &c., \$1,780.42; commission on loans, \$394.35; furniture, \$23.81; solicitors charges, \$565.86; exchange expenses \$183.70 .....	13,199 59
Total expenditure .....	<u>\$242,119 20</u>

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	1,375
Amount of said policies, including bonus (\$30,549.23).....	\$2,350,060 10
Number of policies become claims in Canada during the year ...	39
Amount of said claims.....	\$62,400 18
Bonus additions.....	1,309 00
	<u>63,709 18</u>
Number of policies in force in Canada at date.....	6,357
Amount of said policies.....	\$9,872,286 00
Bonus additions.....	36,960 19
Total.....	\$9,909,246 19
Amount of said policies re-insured in other licensed companies in Canada	<u>199,909 00</u>
Net amount of policies in force on 31st December, 1882.....	<u>9,709,337 19</u>

## Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death (including bonuses, \$709.00).....	36	\$ 51,539 18
2. By maturity (including bonuses \$600)....	3	12,170 00
3. By expiry.....	13	18,000 00
4. By surrender (including bonuses \$1,107.00).....	37	54,047 00
(For which cash value has been paid, \$3,698.50.)		
5. By surrender (including bonuses, \$22.00) \$51,022.00.		
(For which paid up policies have been granted to amount of \$7,137.00.)		
Difference of amounts carried out.....		43,885 00
6. By lapse (including bonuses, \$41.00).....	316	464,386 00
Total .....	<u>405</u>	<u>\$644,027 18</u>

CONFEDERATION LIFE—*Concluded.*

	No.	Amount.
Policies in force at beginning of year (including bonuses, \$8,889.96).....	5,378	\$8,159,663 96
Policies issued during the year (including 9 revived for \$13,000).....	1,479	2,503,250 00
Bonuses added during the year .....		30,549 23
Policies terminated as above (including bonuses, \$2,479.00).....	405	644,027 18
Policies not taken, and cancelled.....	95	140,189 82
Gross policies in force at date of statement (including bonuses \$36,960.19) .....	6,357	<u>9,909,246 19</u>

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Number of insured lives at beginning of year.....	4,978
Number of new insurers during the year.....	1,252
Number of deaths during the year among insured.....	34
Number of insured whose policies have been terminated during the year otherwise than by death.....	464
Number of insured lives at date of statement.....	5,732

Subscribed and sworn to, 6th May, 1883, by

W. P. HOWLAND,

*President.*

J. K. MACDONALD,

*Managing Director.*

(Received, 7th May, 1883.)

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 CONNECTICUT MUTUAL LIFE INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 30TH DECEMBER, 1882.

*President*—JACOB L. GREENE. | *Secretary*—JOHN M. TAYLOR.  
*Principal Office*—Hartford, Conn., U.S.  
*Agent in Canada*—ROBERT WOOD. | *Head Office in Canada*—Montreal.  
 Organized or Incorporated, 15th June, 1846. Commenced business, 15th December, 1846. Licensed in Canada, 1st August, 1868.  
 (No capital—being purely a Mutual Company.)

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Amount of premiums received in cash during the year on life policies  
 in Canada.....\$118,272 62

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Amount paid during the year on claims in Canada :—

On account of death claims..... \$59,947 00  
 do       matured endowments..... 8,119 00

Net amount paid on account of claims..... \$68,066 00  
 (Of this amount, \$24,304 accrued in previous year.)

\* Amount paid for surrendered policies.....  
 Amount paid for dividends to policy-holders..... 30,584 17

Total net amount paid to policy-holders in Canada..... \$98,650 17

## ASSETS IN CANADA.

U.S. Registered bonds held in deposit by Receiver-General..... \$100,000 00

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted .....\$ 6,663 00  
 † Amount estimated to cover the net reserve on all outstanding policies  
 in Canada ..... 1,000,000 00

Total net liabilities to policy-holders in Canada.....\$1,006,663 00

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....36  
 Amount of said claims.....\$ 50,425 00  
 Number of policies in force in Canada at date.....1,938  
 Amount of said policies..... 3,764,503 00

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\* This Company allows surrender values on lapsed policies only in payment of premiums on new insurance, or to keep other insurance on same life in force, or the value is applied in purchase of paid up insurance. No record is kept by States or Territories of the amounts so applied.

† Estimated on basis of 4 per cent. interest, Combined Experience Table.

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CONNECTICUT MUTUAL LIFE—*Concluded.*

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	26	\$42,306 00
2. By maturity.....	10	8,119 00
3. By surrender and lapse.....	31	84,668 00
Total.....	67	\$135,093 00

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Policies in force at beginning of year in Canada.....	2,005	\$3,899,596 00
Policies terminated as above.....	67	135,093 00
Policies in force at date of statement.....	1,938	3,764,503 00

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No return of number of insured lives.

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Subscribed and sworn to, 17th April, 1883, by

JOHN M. TAYLOR,

*Secretary.*

(Received, 20th April, 1883.)

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 THE DOMINION SAFETY FUND LIFE ASSOCIATION.
 

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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

President and Agent—J. DEWOLFE SPURR | Secretary—CHARLES CAMPBELL.  
 Head Office—St. John, N.B.

(Incorporated, 25th March, 1881; Organized, 28th March, 1881. Commenced business in Canada, 8th June, 1881.)

## CAPITAL.

Amount of capital authorized and subscribed for..... \$ 120,000 00  
 Amount paid up in cash..... 47,400 00

(For List of Shareholders, see Appendix.)

## ASSETS AS PER LEDGER ACCOUNTS.

Amount secured by way of loans on real estate..... 3,000 00

Bonds and debentures held by the Association :—

	Par Value.	Market Value
Province of New Brunswick, 6 p. c. bonds.....	\$ 10,000 00	\$11,000 00
City of St. John, N.B., do do .....	12,500 00	13,750 00
Carleton Water Works do do .....	1,000 00	1,090 00
Town of Portland do debentures.....	2,000 00	2,200 00
Kent Co. do bonds .....	1,000 00	1,030 00
Total par and market value.....	\$ 26,500 00	\$ 29,070 00

Carried out at market value..... 29,070 00

Agents' ledger balances..... 411 36

Cash on hand at head office..... 2,000 71

Cash in banks, viz :—

Maritime Bank.....	\$ 21,000
People's Bank.....	5,000
	<u>26,000 00</u>
Office furniture .....	511 27

\*Total assets..... \$ 60,993 31

## LIABILITIES.

To certificate holders on Safety Fund account..... \$10,827 24  
 do Assessments do ..... 880 15

Total liabilities on members account..... \$11,707 39

\*The item "Premiums due and uncollected on certificates in force," which amounts to \$1,628.65, is not included in above statement of assets, as it is not now an asset, and when collected, will be a liability, being almost entirely Safety Fund and Assessments.



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 DOMINION SAFETY FUND—*Continued.*

## OTHER LIABILITIES.

J. de Wolfe Spurr, premium on bonds paid in at par.....	\$1,439 26	
O. F. Clinch do do .....	250 00	
D. S. Steeves do do .....	400 00	
Sundry .....	58	
		<u>2,089 84</u>
Total liabilities.....		<u>\$13,797 23</u>
Surplus of assets over liabilities.....		<u>\$47,196 11</u>
Capital stock paid up.....		<u>\$47,400 00</u>

## INCOME.

Safety Fund.....	\$6,697 88	
Assessments.....	3,106 06	
Total income on members account.....		<u>\$9,803 94</u>
Dues .....	\$3,012 12	
Sundries, Home Agency.....	68 43	
Interest on bonds.....	1,665 00	
Interest from banks.....	138 90	
Total income on shareholders' account.....		<u>4,884 45</u>
Total income.....		<u>\$14,688 39</u>

## EXPENDITURE.

Three death claims \$1,000 each, \$3,000.

Total expenditure on members account.....		<u>\$3,000 00</u>
Cash paid to Stockholders for interest.....	\$1,395 00	
do for Commission and salaries of officials.....	920 00	
do for rates and taxes.....	26 45	
Other expenditure, viz.:—		
Office expenses.....	\$168 25	
Office furniture.....	70 25	
Stationery.....	109 25	
Postage, cards, &c.....	412 11	
General expenses.....	116 51	
Printing .....	243 92	
Advertising .....	109 25	
Interest paid Safety Fund, Class 1881.....	172 50	
Total shareholders expenditure.....		<u>\$3,743 49</u>
Total expenditure.....		<u>\$6,743 49</u>

## MISCELLANEOUS.

Number of certificates issued in Canada during year.....	627
do do do Newfoundland during year.....	41
Total .....	<u>668</u>

DOMINION SAFETY FUND—Continued.

Amount of said certificates.....	\$668,000 00
Number of certificates become claims in Canada during year.....	3
Amount of said claims.....	\$3,000 00
Number of certificates in force in Canada at date..	1,178
do do do Newfoundland at date.....	89
<b>Total .....</b>	<b>1,267</b>
 Amount of said certificates.....	 \$1,267,000 00

Number and amount of certificates terminated during the year in Canada:—

	No.	Amount.
1. By death.....	3	\$3,000 00
2. By lapse.....	52	52,000 00
<b>Total.....</b>	<b>55</b>	<b>\$55,000 00</b>

Certificates in force at beginning of year.....	757	\$757,000 00
do issued during the year.....	668	668,000 00
do terminated as above.....	55	55,000 00
do not taken.....	103	103,000 00
do in force at date of Statement.....	1,267	1,267,000 00

Number of insured lives at beginning of year.....	469
Number of new insurers during the year.....	413
Number of deaths during year among insured.....	3
Number of insured whose certificates terminated otherwise than by death.....	92
Number of insured lives at date of Statement.....	787

SAFETY FUND CLASS, A. D. 1881.

	No. of Persons.	No. of Certificates.	Amount of Safety Fund.
Original number.....	207	345	\$ c. 3,450 00
Deaths, 2; Lapsed, 2.....	4	4	.....
One year's interest.....	.....	.....	172 50
<b>Present condition.....</b>	<b>203</b>	<b>341</b>	<b>3,622 50</b>

DOMINION SAFETY FUND—*Concluded.*  
SAFETY FUND CLASS, A.D. 1883.

	No. of Persons.	No. of Certificates.	Amount of Safety Fund.
Original number.....	398	628	\$ c. 6,280 00
Death, 1 ; Lapsed, 1 ; (3 certificates).....	2	4	.....
Present condition.....	396	624	6,280 00

Subscribed and sworn to, 17th February, 1883, by

J. DEWOLFE SPURR,  
*President.*  
CHARLES CAMPBELL  
*Secretary.*

(Received 22nd February, 1883.)

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 THE EDINBURGH LIFE ASSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST MARCH, 1882.

*President*—Sir G. G. MONTGOMERY, Bart., M.P. | *Secretary*—D. MACLAGAN, Esq., F.R.S.E.*Principal Office*—Edinburgh, Scotland. Organized, A.D. 1823.*Agent in Canada*—DAVID HIGGINS. — *Head Office in Canada*—Toronto.

(Commenced business in Canada, June A.D. 1857.)

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 CAPITAL.
 

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Amount of joint stock capital authorized and subscribed

for.....	£500,000 stg.	\$2,433,333 33
* Amount paid up in cash.....	75,000 "	<u>365,000 00</u>

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 Amount of premiums received in cash during the year on life policies in Canada.....
\$17,382 80


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 Amount paid during the year on claims in Canada, viz. :—

On account of death claims (accrued in previous year \$6,326 67) .....	\$27,933 35
Bonuses on do (accrued in previous year, \$1,134.67) .....	<u>3,842 72</u>

Net amount paid on account of claims..... \$31,826 07

Amount paid for surrendered policies..... 244 79

Amount paid for dividends or bonuses to policy-holders..... 115 04

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 Total net amount paid to policy-holders in Canada..... \$32,215 90


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## ASSETS IN CANADA.

Stocks and Bonds in deposit with Receiver General, viz. :—

	Par value.
Cape of Good Hope 4 per cent. inscribed stock.....	\$48,663 67
Town of Belleville bonds .....	27,000 00
Town of Whitby do .....	10,000 00
Town of Owen Sound bonds .....	17,000 00
Town of Listowel do .....	13,000 00
Town of London East do .....	40,000 00
Town of Stratford do .....	<u>6,000 00</u>

Carried out at par value..... \$161,666 67

Cash in hand and in banks in Canada..... 810 63

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 Total assets in Canada..... 162,476 67


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\* Of this £75,000 now appearing as "paid up," £25,000 was added out of profits to the sum of £50,000 originally paid up.

EDINBURGH LIFE—*Continued.*

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted.....	None.
† Amount computed to cover the net reserve on all outstanding policies in Canada .....	\$152,180 78
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent .....	1,124 45
Difference carried out.....	\$151,056 33
Total net liabilities to policy-holders in Canada.....	\$151,056 33

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	5	
Amount of said claims (including \$2,708.06 bonus additions) .....		\$ 24,364 74
Number of policies in force in Canada at date .....	207	
Amount of said policies.....		516,795 36

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
1. By death.....	5	\$21,656 68
2. By surrender.....	2	1,844 56
(For which cash value has been paid, \$244.79.)		
3. By surrender, \$2,433.34 (for which paid up policies have been granted to amount of \$512.22.)		
Difference of amounts carried out.....		1,921 12
Total .....	7	\$25,422 36

	No.	Amount.
Policies in force at beginning of year in Canada.....	214	\$542,217 72
Policies terminated as above.....	7	25,422 36
Policies in force at date of statement. ....	207	516,795 36

Number of insured lives at beginning of year.....	202
Number of deaths during the year among insured.....	5
Number of insured whose policies have been terminated during the year otherwise than by death.....	2
Number of insured lives at date of statement. ....	195

Subscribed and sworn to, 19th March, 1883, by

DAVID HIGGINS.

*Chief Agent.*

(Received, 21st March, 1883.)

† Actual valuation on the Institute of Actuaries, H.M. Table at 4½ per cent. interest.

EDINBURGH LIFE—*Continued.*

GENERAL BUSINESS FOR THE YEAR ENDING 31ST MARCH. 1882.

*(Abstracted from Directors' Report, Edinburgh, 4th July, 1882.)*

The number of policies issued is 1,003 for £475,729. While the number of new policies issued this year is very considerably larger than the last (1,003 as against 916), the aggregate amount insured is less, the new Assurances of last year having amounted to £511,253. The reduction is therefore not in the number of the Assurances, but in the average amount of the sums in the Policies.

The corresponding new premiums of the year amount to £17,051, 19s. 6d. of which £1727, 14s. 2d. is by single payments. Last year the new premiums amounted to £21,924, but of these £5,479 were by single payments, which are always specially liable to fluctuation.

The total income, from premiums and interests, is £253,089, 8s. 3d., showing an increase in both as compared with last year—£2,514, 7s. 8d. in premiums, and £2,468, 18s. 8d. in interests—and that notwithstanding the fall which has taken place in the rate on a considerable number of the Company's investments on the security of land.

The Accumulated Assurance and Annuity Fund, at the close of this financial year, is £1,706,850, 4s. 9d., as against £1,615,736, 2s. 3d. last year; showing the very satisfactory addition of £91,114, 2s. 6d. during the year.

The sum of £7,376, 13s. 10d. has been received in the purchase of Annuities during the past year, as against £10,001, 19s. 9d. received during the previous year.

The Claims under the Company's policies have, during the past year, amounted to £116,392, 11s. 2d., as against £109,620, 9s. 7d. during the previous year. The Claim Account is made up as follows:—

## 1. Under participating policies—

Original sums assured.....	£77,019	16	0
Bonus additions.....	21,827	17	8

2. Under non-participating policies .....	17,544	17	6
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	£116,392	11	2
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## REVENUE ACCOUNT FOR THE YEAR ENDING 31ST MARCH, 1882

*Dr.*

1881. March 31—

Amount of funds at the beginning of the year .....	£1,729,841	5	3
Premiums.....	£190,447	0	6
Less re-assurance premiums .....	13,068	13	9
	177,378	6	9
Consideration for Annuities granted .....	7,376	13	10
Interest and dividends .....	75,711	1	6
Other receipts—			
Assignment and other fees .....	104	0	2
Profit on investments .....	2,053	1	6
	£1,992,464	9	0

EDINBURGH LIFE—*Continued.**Cr.*

## Claims under policies (after deduction of sums re-assured)—

Claims under life policies .....	£116,092	11	2
Claims under endowment policies.....	300	0	0
	<hr/>		
	£116,392	11	2

## Surrenders:—

Cash value of policies.....	£6,820	2	7
Values applied in purchase of paid-up policies .....	849	1	5
Cash value of bonus.....	1,880	18	3
	<hr/>		
	9,550	2	3

Annuities .....	14,151	19	6
Commission.. .....	8,011	9	2
Expenses of management.....	16,939	10	8
Dividends to shareholders.....	9,000	0	0

## Other payments:—

Income tax .....	1,095	13	4
1882. March 31—			
Amount of funds at the end of the year, as per Balance Sheet.....	1,817,323	2	11

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£1,992,464 9 0

## BALANCE SHEET AT 31ST MARCH, 1882.

## LIABILITIES.

Shareholders' capital paid up .....	£75,000	0	0
Assurance and Annuity Fund.....	1,706,850	4	9
Other funds—			
Shareholders' Reserve Dividend Fund.....	35,472	18	2
	<hr/>		
Total Funds as per First Schedule .....	1,817,323	2	11
Claims admitted but not yet paid*.....	34,409	5	0
Other sums owing by the Company—			
Expenses of management not yet paid* .....	1,866	17	10
Premiums paid in advance.....	57	2	11
Sums deposited with the Company to meet interests, etc.....	5,242	17	1
	<hr/>		
	£1,858,899	5	9

## ASSETS.

Mortgages on property within the United Kingdom .....	£1,123,484	14	7
Mortgages on property out of the United Kingdom.....	Nil.		
Loans on Company's policies (within their surrender values).....	95,502	8	5
Investments:—			
In Colonial Government securities.....	167,515	11	10
Railway and other debentures, and debenture stocks.....	77,056	12	0
Railway shares (Preference).....	57,371	13	9

\*These items are included in the corresponding items in the Revenue Account.

EDINBURGH LIFE—*Concluded.*

House property in Edinburgh, London, Dublin, Manchester and Glasgow—(Freehold and Leasehold) .....	£114,758	9	3
Company's own shares (purchased).....	9,972	0	0
Ground annuals and feu-duties.....	34,045	13	9
Life interests.....	2,091	5	5
Reversions .....	18,218	2	6
Loans on assignment of county rates, etc .....	20,750	18	7
Loans upon personal security (with life policies).....	12,392	2	1
Agents' balances (since paid).....	31,955	17	8
Outstanding premiums .....	43,328	7	8
"    interest due and unpaid at date.....	400	8	3
"    interest accrued but not yet receivable.....	21,153	9	0
Cash on deposit.....	£56,700	0	0
On current account .....	12,152	14	6
	<u>68,852</u>	<u>14</u>	<u>6</u>
Other assets—policy stamps on hand.....	48	16	6
	<u><u>£1,858,899</u></u>	<u><u>5</u></u>	<u><u>9</u></u>



EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—HENRY B. HYDE. | *Secretary*—WILLIAM ALEXANDER.  
*Principal Office*—120 Broadway, New York.  
*Agent in Canada*—RICHARD W. GALE. | *Head Office in Canada*—Montreal  
 (Organized or Incorporated, 26th July, 1859. Commenced business in Canada, about  
 October, 1868.)

CAPITAL.

Amount of capital authorized, subscribed for and paid up in cash..... \$100,000 00

Total premiums received during the year on life policies in Canada..... \$253,868 42

Amount paid during the year on claims in Canada, viz.:—

On account of death claims..... \$38,603 00  
 do       matured endowments..... 17,000 00

Net amount paid on account of claims..... \$55,603 00

Amount paid to annuitants..... 650 00

Amount paid for surrendered policies..... 49,648 66

Amount paid for dividends or bonuses to policy-holders..... 18,420 69

Total net amount paid to policy-holders in Canada..... \$124 322 35

ASSETS IN CANADA.

St. Louis City bonds, 6 per cent. (par value, \$100,000) market value.... \$117,000 00

U.S. bonds, 4 per cent. .... 5,000 00

U.S. bonds, 4½ per cent ..... 60,000 00

Total assets in Canada (in deposit with Receiver-General). \$182,000 00

LIABILITIES IN CANADA.

*Under Policies issued previous to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted. .... \$25,000 00

\* Amount computed to cover the net reserve or re-insurance value on all  
 the outstanding policies in Canada ..... \$680,800 00

Deduct amount of deferred and outstanding premiums, less cost of collec-  
 tion at 10 per cent ..... 17,550 00

Difference carried out..... 663,250 00

Total net liability to said policy-holders in Canada..... \$688,250 00

\* Reserve based upon the American Experience Table, 4½ per cent.

## EQUITABLE LIFE--Continued.

Under Policies issued subsequent to 31st March, 1878.

*Amount computed to cover the net reserve on all outstanding policies in Canada .....	\$218,150 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent.....	23,500 00
Difference carried out.....	\$ 194,650 00
Total net liabilities to said policy-holders in Canada .....	\$ 194,650 00
Total net liabilities to all policy holders in Canada.....	\$ 882,900 00

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	475
Amount of said policies.....	\$1,633,800 00
Number of policies become claims in Canada during the year.....	21
Amount of said claims.....	80,603
Number of policies in force in Canada at date.....	2,892
Amount of said policies.....	7,446,801 00

Number and amount of policies terminated during the year in Canada :

	No.	Amount.
1. By death.....	18	\$ 63,603 00
2. By maturity .....	3	17,000 00
3. By surrender.....	65	172,311 00
(For which cash value has been paid \$49,648.66.)		
4. By surrender, \$38,500. (For which paid-up policies have been granted to amount of \$11,498.)		
Difference of amounts carried out.....		27,002 00
5. By lapse.....	162	356,700 00
Total.....	248	\$ 636,616 00

Policies in force at the beginning of year.....	2,665	\$6,449,617 00
Policies issued during the year .....	591	1,967,798 00
Policies terminated as above and by change to paid-up policies.	261	648,114 00
Policies not taken.....	103	322,500 00
Policies in force at date of statement (including \$70,000 bonus additions).....	2,892	7,446,801 00

Number of insured lives at beginning of year in Canada.....	2,665
Number of new insurers during the year .....	591
Number of deaths during the year among insured.....	18
Number of insured whose policies have been terminated during the year otherwise than by death .....	346
Number of insured lives at date of statement.....	2,892

\* Reserve based on the American Experience Table, 4½ per cent.

**EQUITABLE LIFE—Continued.**

**DETAIL OF POLICIES ISSUED SINCE 31ST MARCH, 1878.**

	No.	Amount.
Policies in force at beginning of year in Canada. ....	1,172	\$2,760,316
Policies issued during the year.....	591	1,967,798
Policies terminated as above.....	141	321,216
Policies not taken.....	103	322,500
Policies in force at date of statement (including \$14,000 bonus ad- ditions).....	<u>1,519</u>	<u>4,084,398</u>

Subscribed and sworn to, 15th March, 1883, by

R. W. GALE.

(Received, 16th March, 1883.)

**GENERAL BUSINESS FOR THE YEAR ENDING 31ST DECEMBER, 1882.**

*(As returned to the Superintendent of Insurance, State of New York.)*

**INCOME DURING THE YEAR 1882.**

Total premium income.....	\$8,922,369 08
Received for interest or dividends.....	1,953,741 67
Received for rent....	458,581 15
Net profit on investments.....	544,479 51
<b>Total income.....</b>	<b><u>\$11,879,171 41</u></b>

**DISBURSEMENTS DURING THE YEAR 1882.**

Total amount paid for losses and matured endowments.....	\$3,113,117 50
Cash paid to annuitants .....	43,651 62
Cash paid for surrendered policies, discounted endowments and matured tontines.....	978,741 21,
Cash dividends paid to policy-holders.....	1,842,031 23
Cash paid to stockholders for interest or dividends.....	7,000 00
Commuting commissions.....	203,122 29
Taxes.....	102,026 03
General expenses.. ..	1,571,849 02
<b>Total disbursements.....</b>	<b><u>\$7,861,538 90</u></b>

**ASSETS.**

Book value of real estate, unencumbered.....	\$9,250,628 44
Loans on bonds and mortgages (first liens) on real estate.....	11,286,129 27
Loans secured by pledge of bonds, stock or other marketable collaterals.....	10,417,000 00
Cost value of bonds and stocks owned .....	11,651,371 97
Cash on hand and in banks.....	2,897,983 44
Agents' balances .....	26,468 42
<b>Total net or ledger assets.....</b>	<b><u>\$45,529,581 54</u></b>

EQUITABLE LIFE—Concluded.

## OTHER ASSETS.

Interest due and accrued.....	\$300,929 17
Rents due and accrued.....	82,837 12
Market value of bonds and stocks over cost.....	896,388 03
Net amount of uncollected and deferred premiums.....	972,812 00
<b>Total assets.....</b>	<b><u>\$47,782,547 86</u></b>

## LIABILITIES.

Net re-insurance reserve.....	\$37,085,522 12
Total unsettled claims.....	123,546 83
Unpaid dividends or surplus or other description of profits due policy-holders .....	80,727 00
And other liabilities, namely, possible claims under lapsed policies.....	77,280 39
<b>Total liabilities.....</b>	<b><u>\$37,367,076 39</u></b>
Gross surplus on policy-holders' account.....	<u>\$10,415,471 47</u>

(Computed as belonging to tontine policy-holders.....)	\$4,945,252 00)
(Computed as belonging to other than tontine policy-holders.....)	<u>5,470,219 47)</u>

## RISKS AND PREMIUMS.

Number of new policies issued during the year.....	14,490
Amount of said policies.....	\$58,352,200 00
Number of policies terminated during the year.....	7,500
Total amount terminated.....	30,111,678 00
Number of policies in force at date of statement.....	65,680
Net amount of said policies.....	232,829,620 00

H. B. HYDE.

*President.*

WILLIAM ALEXANDER.

*Secretary.*

NEW YORK, 5th March, 1883.

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 THE FEDERAL LIFE ASSURANCE COMPANY OF ONTARIO.

STATEMENT FOR SIX MONTHS ENDING 31ST DECEMBER, 1882.

*President*—D. B. CHISHOLM | *Managing Director*—DAVID DEXTER.  
*Head Office*—Hamilton, Ont.  
 (Organized or incorporated, 21st December, 1874. Commenced business in Canada,  
 June 1882.)

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 CAPITAL.

Amount of first stock capital authorized.....	\$1,000,000 00
Amount subscribed for.....	700,000 00
Amount paid up in cash.....	<u>62,896 90</u>

(For list of Stockholders, see Appendix.)

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 ASSETS AS PER LEDGER ACCOUNTS.

Premium obligations on policies in force.....	\$929 28
Stocks and bonds owned by the Company, viz :—	
* Canadian Pacific Railway bonds.....	11,000 00
Cash at Head Office.....	<u>1,806 75</u>
Cash in banks, viz :—	
* Federal Bank, special deposit.....	\$40,100 00
do current deposit.....	<u>154 13</u>
Total.....	40,254 13
Short date notes for premiums.....	1,030 64
Notes for calls on stock.....	5,758 10
Agents' ledger balances.....	<u>803 36</u>
Total.....	<u>\$61,582 26</u>

## OTHER ASSETS.

Interest accrued.....	\$1,307 96
Gross premiums due and uncollected on policies in force.....	\$1,372 22
Gross deferred premiums on same.....	<u>1,852 97</u>
Total outstanding and deferred premiums.....	\$3,225 19
Deduct cost of collection at 10 per cent.....	<u>322 52</u>
Net outstanding and deferred premiums.....	2,902 67
Commuted commissions.....	2,068 21
Furniture.....	<u>832 56</u>
Total assets.....	<u>\$68,693 66</u>

\* Deposited with the Receiver-General.

## FEDERAL LIFE—Continued.

## LIABILITIES.

* Amount computed to cover the net present value of all policies in force.....	\$4,928 95
Due on account of general expenses.....	1,956 04
Total liabilities.....	<u>\$ 6,884 99</u>
Surplus on policy-holders' account.....	\$61,808 67
Capital stock paid up.....	<u>68,655 00</u>

## INCOME DURING THE YEAR.

† Cash received for premiums.....	\$6,243 78
Premium obligations taken in part payment of premiums.....	929 28
Total.....	<u>\$7,173 06</u>
Deduct premiums paid to other Companies for re-insurance .....	103 25
Total premium income.....	<u>\$7,069 81</u>
Received for interest.. ..	301 85
Total.....	<u>\$7,371 66</u>
Received on account of capital stock.....	62,896 90
Total income.....	<u><u>\$70,268 56</u></u>

## EXPENDITURE DURING THE YEAR.

Cash paid for commissions, salaries and other expenses of officials, including commuted commissions.....	\$10,858 94
General current expenses .....	1,999 65
Preliminary expenses.....	2,587 25
Office furniture.....	832 56
Total expenditure.....	<u><u>\$16,278 40</u></u>

## PREMIUM NOTE ACCOUNT.

Premium obligations received during the year.....	\$929 28
Note assets at end of year.....	<u>929 28</u>

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada, 254	
Amount of said policies.....	\$404,350 00
Number of policies become claims in Canada during the year.....	None
Number of policies in force in Canada at date.....	254
Amount of said policies .....	\$404,350 00
Deduct amount of said policies reinsured in other licensed Companies in Canada .....	10,000 00
Net amount in force, 31st December, 1882 .....	<u><u>394,350 00</u></u>

\* Institute of Actuaries, H. M. 4½ per cent.

† Not including short date notes for premiums.

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**FEDERAL LIFE—*Concluded.***

	No.	Amount.
Policies issued during the year in Canada.....	254	\$404,350 00
Policies terminated.....	None	
Policies in force at date of statement.....	254	<u>404,350 00</u>

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Number of lives insured during the year ..... 250  
 Number of deaths during the year among the insured ..... None  
 Number of insured lives at date of statement ..... 250

Subscribed and sworn to, 31st March, 1883, by

D. B. CHISHOLM,  
*President.*  
 DAVID DEXTER,  
*Managing Director.*

(Received, 9th April, 1883.)

## THE LIFE ASSOCIATION OF CANADA.

(Formerly Mutual Life Association of Canada.)

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—JAMES TURNER.

Manager—DAVID BURKE.

Head Office—Hamilton, Ontario.

(Organized or Incorporated, 1872. Commenced business in Canada, 1872.)

## CAPITAL.

Amount of joint stock or guarantee capital authorized and subscribed for	\$200,000 00
Amount paid up in cash.....	45,416 66
Amount paid in notes.....	4,650 00

(For List of Stockholders see Appendix.)

## ASSETS.

Value of real estate (less encumbrances) held by the Company. ....	\$2,500 00
Amount of loans made in cash to policy-holders on the Company's policies, assigned as collaterals.....	6,417 84

\*Stocks, bonds or debentures held by the Company, viz. :—

	Par value.	Market value.
City of Hamilton Water Works bonds.....	\$16,777 01	\$18,203 06
do general bonds .....	36,415 99	39,147 19
Town of Strathroy do .....	4,000 00	4,060 00
County of Wellington do .....	9,000 00	9,360 00
Township of Minto do .....	500 00	520 00
Town of Ingersoll do .....	3,000 00	3,150 00
Town of Peterboro' do .....	3,000 00	3,150 00
City of Guelph do .....	12,100 00	12,678 00
City of London do .....	1,000 00	1,120 00
Township of Usborne do .....	2,000 00	2,100 00
County of Middlesex do .....	500 00	500 00
Township of Harwich do .....	409 00	409 00
Township of Gosfield do .....	1,082 40	1,093 23
Township of Romney do .....	700 00	707 00
Town of Windsor do .....	7,000 00	7,210 00
City of Belleville do .....	8,000 00	8,480 00
Township of Proton do .....	700 00	728 00
Township of Maidstone do .....	2,214 00	2,346 84
Township of Chatham and North Gore general bonds.....	2,647 60	2,674 08

Total par and market value..... \$111,046 00 \$117,636 40

Carried out at market value.....	117,653 35
Cash at head office and branches.....	6,107 99

Cash in Banks, viz. :—

Canadian Bank of Commerce.....	\$ 8,368 69
Landed Banking and Loan Company.....	5,900 00
Hamilton, Provident and Loan Company.....	10,000 00

Total..... 23,368 69

Agents' ledger balances.....	2,377 15
Bills receivable (including \$4,650 notes for calls guarantee fund).....	5,150 00

Total..... \$163,575 02

\* Of these \$104,808 par, are deposited with Receiver General.



LIFE ASSOCIATION OF CANADA—*Continued.*

## OTHER ASSETS.

Interest accrued.....		\$1,605 91
Gross premiums due and uncollected on policies in force .....	\$16,301 69	
Gross deferred premiums on same .....	12,003 65	
		<u>\$28,305 34</u>
Deduct cost of collection at 10 per cent.....	2,830 53	
Net outstanding and deferred premiums.....		25,474 81
Office furniture.....		1,514 12
Commuted commissions.....		1,700 00
		<u>1,700 00</u>
Total assets.....		<u><u>\$193,869 86</u></u>

## LIABILITIES.

*Amount computed to cover the net present value of all policies in force	\$158,677 00	
Deduct value of policies re-insured in other Companies.....	832 00	
Net re-insurance reserve.....		\$157,795 00
Claims for death losses due and unpaid.....		145 60
(Accrued in 1880; awaiting papers of discharge.)		
Claims for death losses adjusted but not due.....		1,000 00
		<u>1,000 00</u>
Total liabilities.....		<u>\$158,940 60</u>
Surplus on policy-holders' account.....		\$34,929 26
Capital stock paid up.....		50,066 66
		<u>50,066 66</u>

## INCOME DURING THE YEAR.

Cash received for premiums.....		\$45,278 43
Deduct premiums paid to other companies for re-insurance.....		424 64
		<u>424 64</u>
Total premium income.....		\$44,853 79
Amount received for interest or dividends on stock, &c. ....		8,269 39
		<u>8,269 39</u>
Total .....		\$53,123 18
Received on account of Guarantee fund, cash .....		24,750 00
“ “ “ “ notes .....		4,650 00
		<u>4,650 00</u>
Total income.....		<u><u>\$82,523 18</u></u>

## EXPENDITURE DURING THE YEAR.

Cash paid for death claims .....	\$10,454 80	
Cash paid for matured endowments. ....	7,750 00	
		<u>7,750 00</u>
Net amount paid for death claims and matured endowments.....		\$18,204 80
Cash paid for surrendered policies.....		1,545 45
Cash paid to stockholders for interest or dividends.....		1,429 41
		<u>1,429 41</u>

\*Computed part at 5 per cent. Carlisle Table, and part H.M. 4½ per cent.

LIFE ASSOCIATION OF CANADA—Continued.

Commissions, salaries and other expenses of officials, viz.:—Commissions, \$6,035.33; salaries, head office, \$4,300.00; salaries of agents, \$3,225.00; travelling, \$2,446.66.....	16,006 99
Taxes, licenses, fees or fines .....	130 72
All other expenditure, viz.:—Directors' fees, \$341.00; interest, \$1,278.66; physician's fees, \$1,371.75; general expenses, \$3,658.29; furniture, \$806.79 .....	7,456 49
Total expenditure.....	<u>\$44,773 86</u>

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada .....	333
Amount of said policies.....	\$541,500 00
Number of policies become claims in Canada during the year....	20
Amount of said claims .....	18,204 80
Number of policies in force in Canada at date .....	1,400
Amount of policies in force .....	1,834,712 22
Amount of said policies re-insured in other licensed companies in Canada .....	<u>24,500 00</u>
Net amount in force at 31st December, 1882.....	<u>1,810,212 22</u>

Number and amount of policies terminated during the year in Canada:

	No.	Amount.
1. By death .....	13	\$10,454 80
2. By maturity .....	7	7,750 00
3. By surrender.....	18	24,500 00
(For which cash value has been paid, \$1,545.45.)		
4. By surrender, \$15,500.00.		
(For which paid-up policies have been granted to amount of \$3,412.48.)		
Difference of amounts carried out.....		12,087 52
5. By lapse.....	120	161,093 00
Total .....	<u>158</u>	<u>\$215,885 32</u>

*Policies in force at beginning of year.....	1,264	\$1,576,597 54
Policies issued during the year.....	384	604,912 48
Policies terminated as above .....	158	215,885 32
Policies terminated otherwise, including policies not taken of the year, as well as some of previous year returned by agents.	90	125,912 48
Policies in force at date of statement.....	1,400	1,839,712 22

\*One policy was cancelled in 1881, was only paid in 1882, and was not reported as outstanding in 1881.

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 LIFE ASSOCIATION OF CANADA.—*Concluded.*

Number of insured lives at beginning of year .....	1,172
Number of new insurers during the year.....	360
Number of deaths during the year among insured.....	13
Number of insured whose policies have been terminated during the year otherwise than by death .....	230
Number of insured lives at date of statement, closely estimated.	1,289

Subscribed and sworn to, 14th April, 1883, by

JAMES TURNER,  
*President.*

DAVID BURKE,  
*Manager.*

(Received 16th April, 1883 )

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 THE LIFE ASSOCIATION OF SCOTLAND.
 

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STATEMENT FOR THE YEAR ENDING 5TH APRIL, 1882.

*Manager*—JOHN FRASER, | *Joint Secretaries*—{ JOHN SHARP.  
 | | JAMES CHARLES WARDROP.  
*Principal Office*—Edinburgh.  
*Agent in Canada*—GEO. WM. FORD, | *Head Office in Canada*—Montreal:  
 (Organized or Incorporated, 1838. Commenced business in Canada, Sept., 1857.)

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## CAPITAL.

Amount of capital authorized and subscribed for.....	\$1,946,666 66
Amount paid up in cash.....	<u>425,833 33</u>

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Gross amount of premiums received in cash during the year on life policies in Canada.....	\$82,342 88
Gross amount of loans on policies taken during the year in payment of premiums in Canada.....	860 41
Total net premium income.....	<u>\$83,203 29</u>

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Net amount paid on account of death claims in Canada.....	\$68,712 51
(Of this amount, \$19,153.61 accrued in the previous year.)	
Amount paid to annuitants.....	140 88
Amount paid for surrendered policies.....	3,575 01
Total net amount paid to policy-holders in Canada.....	<u>\$72,428 40</u>

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## EXPENSES IN CANADA.

Cash paid for salaries of officials in Canada.....	\$2,179 92
Cash paid for commission in Canada.....	1,545 33
Cash paid for licenses or taxes in Canada.....	184 42
Cash paid for office expenses and sundry expenditures in Canada.....	2,455 66
Total.....	<u>\$6,365 33</u>

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## ASSETS IN CANADA.

Canada Stock in deposit with Receiver-General.....	\$150,000 00
Real estate in Canada owned.....	44,541 31
Cash in hand and in banks in Canada.....	12,075 82
Total assets in Canada.....	<u>\$206,617 13</u>

## LIFE ASSOCIATION OF SCOTLAND---Continued.

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted. ....	\$27,253 31
* Amount computed to cover net reserve on all outstanding policies in Canada. ....	\$788,189 54
Deduct loans on said policies.....	<u>128,233 62</u>
Difference carried out.....	659,955 92
<b>Total liabilities in Canada.....</b>	<b><u><u>\$687,209 23</u></u></b>

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	32
Amount of said claims.....	\$ 76,812 22
Number of policies in force in Canada at date.....	1,535
Amount of said policies.....	2,935,528 70

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
1. By death.....	32	76,893 33
2. By expiry.....	1	1,460 00
3. By surrender.....	18	31,633 33
(For which cash value has been paid, \$3,575.01.)		
4. By surrender, \$7,815.86. (For which paid-up policies have been granted to amount of \$1,517.48.)		
Difference of amounts carried out.....		6,298 38
5. By lapse.....	19	18,887 54
<b>Total.....</b>	<b><u>70</u></b>	<b><u><u>\$135,172 58</u></u></b>

Policies in force at beginning of year in Canada.....	1,605	\$3,070,701 28
Policies terminated as above.....	70	135,172 58
Policies in force at date of statement.....	1,535	2,935,528 70

Number of insured lives..... No return.

Subscribed and sworn to, 26th February, 1883, by

GEO. WM. FORD.

(Received, 28th February, 1883.)

\* Institute of Actuaries H.M. Table 4½ per cent. interest.

LIFE ASSOCIATION OF SCOTLAND—*Continued.*

GENERAL BUSINESS FOR THE YEAR ENDING 5TH APRIL, 1882.

*(Abstracted from Directors' Report, Edinburgh, 31st October, 1882.)*

During the year ending 5th April, 1882—

The new life policies issued were.....	1,816 for £	757,0·7	stg.
The annual premiums payable for these policies.....		23,974	"
New life annuities were purchased for .....	per annum	1,208	"
The revenue of the year from premiums and interest on invest- ments was.....		439,589	"
343 deaths occurred amongst the assured under policies for.....		186,756	"

At the end of the year (5th April, 1882)—

26,347 policies of assurance were in force for.....		11,582,723	"
The total claims paid under life policies amounted to... ..		3,234,855	"
The total cash bonuses paid or allocated to policy-holders amounted to.....		1,100,874	"
The assets in hand, as per the balance sheet, were.....		2,610,605	"

## FIRST SCHEDULE—REVENUE ACCOUNT.

Amount of funds at the beginning of year .....	£2,101,216	0	1	
Premiums (less re-assurances) .....	£337,727	5	4	
Consideration for annuities granted.....	11,715	4	9	
Interest and dividends.....	101,862	6	3	
		451,304	16	4
		£2,852,520	16	5
Claims under policies (after deduction of sums re-assured).....	£186,756	1	7	
Claims under policies payable on the survivance of the lives.....	4,526	19	0	
Surrenders .....	14,444	5	6	
Annuities .....	19,107	11	7	
Commission .....	12,661	15	9	
Expenses of management.....	37,387	6	9	
Dividends to shareholders, and interest on paid-up capital. ....	11,470	9	1	
Other payments:—				
Cash bonuses to existing policyholders .....	44,571	13	3	
Income tax.....	1,201	5	10	
Amount of funds at the end of the year (as per second schedule)....	2,520,443	8	1	
		£2,852,520	16	5

## SECOND SCHEDULE—BALANCE SHEET.

*Liabilities.*

Shareholders' capital, paid up .....	£	87,500	0	0
Assurance and annuity fund .....		2,432,9·3	8	1
		£2,520,443	8	1
Claims admitted, but not due (including all deaths to date, whether formally proved or not).....		90,073	8	3
Annuities due, but not applied for.....		88	17	4
		£2,610,605	13	8

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LIFE ASSOCIATION OF SCOTLAND—*Concluded.*

## Assets.

Mortgages on property within the United Kingdom.....	£1,181,390	15	5
Mortgages on property out of the United Kingdom.....	0	0	0
Loans on the Association's policies .....	274,412	13	5
Investments :—			
In British Government securities.....	0	0	0
Indian and Colonial Government securities.....	216,110	3	0
Foreign Government securities.....	49,118	10	3
Railway and other debentures and debenture stocks.....	190,314	18	8
Railway rent charge, guaranteed and preference stocks.....	193,262	12	5
House property.....	122,773	2	2
Annuities and reversions .....	41,225	13	0
Bank of Scotland stock.....	22,278	6	11
Stock of the Association, purchased under their Act 16 and 17 Vict., c. 224 (£10 16s. 10d. per share).....	35,174	0	0
Loans on personal security .....	22,913	0	11
Loans on statutory public rates.....	16,034	15	5
Loans on railway preference and guaranteed stocks, and other stocks	5,322	12	4
Office furniture and stamps.....	1,301	2	4
Agents' balances.....	0	0	0
Outstanding premiums (since received).....	112,480	6	10
Outstanding interest (since received).....	4,695	19	9
Interest accrued, but not yet payable.....	32,205	1	1
Cash :—			
On deposit in banks.....	£61,500	0	0
On current bank accounts.....	28,091	19	9
		89,591	19 9
		<u>£2,610,605</u>	<u>13 8</u>

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 THE LION LIFE INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

*President*—ELLIS ELIAS | *Secretary*—J. B. DAVISON  
*Principal Office*—London, England.  
*Agent in Canada*—F. STANCLIFFE. | *Head Office in Canada*—MONTREAL.  
 (Organized or incorporated, 1880. Commenced business in Canada, June 1st, 1881.)

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 CAPITAL.
 

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Amount of joint stock capital authorized.....	\$4,866,666 67
Amount subscribed for.....	4,777,333 33
Amount paid up in cash.....	<u>895,466 67</u>

Gross amount of premiums received in cash during the year on life policies in Canada....	\$28,281 33
Deduct amount paid for premiums on policies re-insured in other licensed companies in Canada.....	<u>2,288 17</u>
Total net premium income.....	<u>\$ 25,993 16</u>

Amount paid during the year on account of death claims in Canada      None.

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 ASSETS IN CANADA.
 

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Canada stock in deposit with Receiver-General, par.....	\$48,666 67
Cash on hand and in banks in Canada .....	<u>11,702 92</u>
Total assets in Canada.....	<u>\$ 60,369 59</u>

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 LIABILITIES IN CANADA.
 

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Amount of Reserve on all outstanding policies in Canada (estimated)	<u>\$20,000 00</u>
Total liabilities in Canada.....	<u>\$20,000 00</u>

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 MISCELLANEOUS.
 

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Number of new policies reported during the year as taken in Canada .....	201	
Amount of said policies.....		\$455,450 00
Number of policies in force in Canada at date.....	301	
Amount of said policies.....		\$804,950 00
Less amount of said policies re-insured in other licensed Canada .....		<u>57,500 00</u>
Net amount in force, 31st December, 1882.....		<u>747,450 00</u>



LION LIFE—*Concluded.*

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
1. By lapse .....	64	\$129,500 00
-----		
Policies in force at beginning of year in Canada.....	162	\$481,000 00
Policies issued during the year.....	201	453,450 00
Policies terminated as above.....	64	129,500 00
Policies in force at date of statement.....	299	804,950 00
-----		
Number of insured lives at beginning of year in Canada.....	158	
Number of new insurers during the year .....	193	
Number of deaths during the year among the insured.....	None.	
Number of insured whose policies have been terminated during the year otherwise than by death.....	59	
Number of insured lives at date of statement.....	292	

Subscribed and sworn to, 27th February, 1883, by

F. STANCLIFFE.

(Received, 28th February, 1883.)

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 THE LIVERPOOL AND LONDON AND GLOBE INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—H. B. GILMOUR, Esq. | Secretary—JOHN M. DOVE, Esq.

Principal Office—Liverpool, England.

Agent in Canada—G. F. C. SMITH. | Head Office in Canada—Montreal.

 (Organized 21st May, 1836. Commenced business in Canada, 4th June, 1851.)
 

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## CAPITAL.

 (See Fire Statement.)
 

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Amount of premiums received in cash during the year on life policies in Canada.....	\$9,180 58
Total net premium income.....	<u>\$9,180 58</u>

Amount paid during the year on account of death claims in Canada.... (Including \$107.00 bonus additions.)	\$1,707 00
Amount paid to annuitants.....	363 00
Amount paid for surrendered policies.....	989 69
Total net amount paid to policy-holders in Canada.....	<u>\$3,059 69</u>

## EXPENSES IN CANADA.

Paid for commission.....	\$318 32
Sundry expenditure.....	130 59
Total.....	<u>\$448 91</u>

 (For Assets in Canada, see Fire Statement.)
 

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## LIABILITIES IN CANADA.

Amount computed to cover the net reserve on all outstanding policies in Canada.....	\$50,000 00
Total net liability to policy-holders in Canada.....	<u>\$50,000 00</u>

## LIVERPOOL AND LONDON AND GLOBE—Continued.

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.	4	
Amount of said policies.....		\$13,000 00
Number of policies become claims in Canada during the year.....	2	
Amount of said claims.....		1,707 00
(Including \$107.00 bonus additions.)		
Number of policies in force in Canada at date.....	181	
Amount of said policies.....		\$258,336 52
Add bonus additions.....		11,710 04
Total net amount in force 31st December, 1882.....		<u>270,046 56</u>

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	2	\$1,600 00
2. By surrender.....	3	7,500 00
(For which cash value has been paid \$989.69.)		
3. By surrender, \$3,000.00.		
(For which paid up policies have been granted to amount of \$1,094.48.)		
Difference of amounts carried out.....	....	1,905 52
4. By lapse.....	2	3,100 00
	<u>7</u>	<u>\$14,105 52</u>

Policies in force at beginning of year....	185	\$259,928 71
Policies issued during the year....	4	13,000 00
Policies terminated as above.....	7	14,105 52
Policies transferred to another agency.....	1	486 67
Policies in force at date of statement (exclusive of bonus additions).	181	258,336 52

Number of insured lives at beginning of year.....	168
Number of new insurers during the year.....	4
Number of deaths during the year among insured.....	2
Number of insured whose policies have been terminated during the year otherwise than by death.....	6
Number of insured lives at date of statement.....	164

Subscribed and sworn to, 28th February, 1883, by

G. F. C. SMITH.

(Received, 1st March, 1883.)

LIVERPOOL AND LONDON AND GLOBE—*Continued.*

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*(Abstracted from Directors' Report, Liverpool, 18th May, 1883.)*

## LIFE DEPARTMENT.

During the year the Company has received 982 proposals to assure the sum of.....	£683,080
723 policies were issued for.....	503,149
164 proposals were not completed for .....	109,731
95 proposals were declined for.....	70,200

The premiums on the new assurances during the year amount to £16,427, the total premium income, after deducting the amount paid for re-insurance, being £225,221. One hundred and thirty-five annuity bonds have been issued for a consideration of £60,149, granting annuities amounting to £5,666. The holders of eighty-two annuity bonds have died during the year, relieving the Company of the annual payment of £3,872. The funds of the Life Department now amount to, £3,422,078, being an increase of £119,295.

## REVENUE ACCOUNTS.

## LIFE ASSURANCE ACCOUNT.

*Liverpool and London and Globe Fund.*

Amount of life assurance fund at the beginning of the year.....	£2,391,783	2	6	
Premiums after deduction of re-assurance premiums .....	204,737	3	7	
Interest and dividends.....	106,406	14	11	
				£2,702,927 1 0

*Globe Fund.*

Amount of life assurance fund at the beginning of the year.....	£390,471	5	11	
Premiums, after deduction of re-assurance premiums .....	20,484	11	2	
Interest and dividends.....	16,926	16	2	
				427,882 13 3
				<u>£3,130,809 14 3</u>

*Liverpool and London and Globe Fund.*

Claims under life policies, including those admitted but not paid (after deducting sums re-assured) .....	£174,844	7	9	
Surrenders.....	11,325	5	7	
Commission .....	7,421	19	1	
Expenses of management.....	12,088	4	10	
Other payments, viz. :—				
Medical fees.....	£856	4	10	
Stamps .....	562	12	6	
				1,418 17 4
Amount of funds at the end of the year, as in balance sheet .....	2,495,828	6	5	
				£2,702,927 1 0

*Globe Fund.*

Claims under life policies, including those admitted but not paid (after deducting sums re-assured).....	£ 38,542	0	0	
Surrenders.....	1,826	14	0	
Commission .....	568	17	9	
Expenses of management.....	1,024	4	6	
Amount of funds at the end of the year, as in balance sheet.....	385,920	17	0	
				427,882 13 3
				<u>£3,130,809 14 3</u>

LIVERPOOL AND LONDON AND GLOBE—*Concluded.*

ANNUITY ACCOUNT.

*Liverpool and London and Globe Fund*

Amount of fund at the beginning of the year.....	£500,481 16 0	
Consideration for annuities granted.....	60,149 5 9	
Interest and dividends.....	22,241 11 3	
		<u>£582,872 13 0</u>

*Globe Fund.*

Amount of fund at the beginning of the year.....	£20,046 12 7	
Interest and dividends.....	852 2 4	
		<u>20,898 14 11</u>
		<u>£603,771 7 11</u>

*Liverpool and London and Globe Fund.*

Annuities paid.....	£59,125 11 10	
Commission.....	601 9 10	
Expenses of management.....	1,763 10 8	
Amount of funds at the end of the year, as in balance sheet.....	521,382 0 8	
		<u>£582,872 13 0</u>

*Globe Fund.*

Annuities paid.....	£1,876 6 4	
Expenses of management.....	75 1 0	
Amount of funds at the end of the year, as in balance sheet.....	18,947 7 7	
		<u>20,898 14 11</u>
		<u>£603,771 7 11</u>

(For Balance Sheet. See Fire Statement.)

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 THE LONDON AND LANCASHIRE LIFE ASSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—COL. KINGSCOTE, C.B., M.P. | *Secretary*—WILLIAM PALIN CLIREHUGH.  
*Principal Office*—London, England.  
*Agent in Canada*—WM. ROBERTSON. | *Head Office in Canada*—Montreal.  
 Organized or Incorporated 6th August, 1862.  
 (Commenced business in Canada, 1863.)

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 CAPITAL.
 

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Amount of joint stock capital authorized and subscribed for. ....	£100,000	0	0
Amount paid up in cash.....	£10,000	0	0
Proprietors' share of profits.....	3,590	19	5
	<u>£13,590</u>	<u>19</u>	<u>5</u>

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Gross amount of premiums received in cash during the year on life policies in Canada .....	\$109,927	02
Deduct amount paid for premiums on policies re-insured in other licensed companies in Canada.....	6,780	35
Total net premium income .....	<u>\$103,146</u>	<u>67</u>

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Amount paid during the year on claims in Canada, viz:—

On account of death claims (\$2,000 accrued in previous years).....	\$19,246	67
Net amount paid on account of claims.....	\$19,246	67
Amount paid for surrendered policies.....	524	43
Amount paid for dividends or bonuses to policy-holders (reversionary bonus additions on claims paid).....	364	13
Total net amount paid to policy-holders in Canada.....	<u>\$20,135</u>	<u>23</u>

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 ASSETS IN CANADA.
 

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In deposit with Receiver-General, viz.:—

	Par Value.	Market Value.
Province of Quebec bonds (issue of 1878, 30 years).....	\$5,000 00	\$5,112 50
City Victoria, B.C., Waterworks debenture.....	5,000 00	5,750 00
	<u>\$10,000 00</u>	<u>\$10,862 50</u>
Cash.....		100,000 00

Total in deposit with Receiver-General..... \$110,862 50

LONDON AND LANCASHIRE LIFE—Continued.

Other Canadian investments, viz. :—

	Par Value.	Market Value.
City of Victoria, B.C., Waterworks debenture .....	\$ 5,000 00	\$ 5,750 00
Town of Pembroke bonds .....	10,000 00	10,550 00
City of Toronto debentures.....	4,999 90	5,466 48
City of Montreal debentures.....	1,000 00	1,050 00
	<u>\$20,999 00</u>	<u>\$22,816 48</u>

Carried out at market value .....	22,816 48
Mortgages on real estate in Canada.....	172,925 00
Cash in hand and in banks in Canada owned.....	12,775 53
	<u><u>\$319,379 51</u></u>

LIABILITIES IN CANADA.

*Under policies issued previous to 31st March, 1878.*

Amount of claims on policies in Canada, unsettled but not resisted.....	\$ 8,000 00
Amount estimated to cover the net reserve on all outstanding policies in Canada, after deduction of deferred and outstanding premiums, loans, &c.....	127,000 00
	<u>127,000 00</u>
Total net liabilities to said policy-holders in Canada.....	<u><u>\$135,000 00</u></u>

*Under policies issued subsequent to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted.....	\$ 6,000 00
Amount estimated to cover the net reserve on all outstanding policies in Canada, after deduction of deferred and outstanding premiums, re-insurance, &c.....	99,000 00
	<u>99,000 00</u>
Total net liabilities to said policy-holders in Canada.....	<u><u>\$105,000 00</u></u>
Total net liabilities to all policy-holders in Canada.....	<u><u>\$240,000 00</u></u>

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada	394	
Amount of said policies.....		\$845,050 00
Number of policies become claims in Canada during the year.....	15	
Amount of said claims.....	\$36,246 67	
Bonus additions.....	597 78	
	<u>\$36,844 45</u>	
Less amount re-insured in other licensed companies in Canada.....	5,000 00	
Net amount of said claims.....		31,844 45
Number of policies in force in Canada at date.....	1,877	
Amount of said policies.....	\$3,325,280 38	
Bonus additions.....	8,022 50	
	<u>\$3,333,302 88</u>	
Less amount of said policies re-insured in other licensed companies in Canada.....	169,000 00	
Net amount in force 31st December, 1882.....		<u><u>\$3,164,302 88</u></u>

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LONDON AND LANCASHIRE LIFE—*Continued.*

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death (including bonus additions).....	15	\$36,844 45
2. By surrender.....	14	17,500 00
(For which cash value has been paid \$524.43.)		
3. By surrender, \$24,000.		
(For which paid up policies have been granted to amount of \$4,638.50.)		
Difference of amounts carried out.....:		19,361 50
4. By lapse.....	106	185,745 00
Total.....	135	\$259,450 95

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Policies in force at beginning of year.....	1,618	\$2,749,403 83
Policies issued during the year.....	394	845,050 00
Policies terminated as above.....	135	259,450 95
Policies reduced.....		1,700 00
Gross policies in force at date of statement (including bonus additions, \$8,577.50).....	1,877	3,333,302 88

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Number of insured at beginning of year in Canada.....	1,572
Number of new insurers during the year.....	367
Number of deaths during the year among insured.....	15
Number of insured whose policies have been terminated during the year otherwise than by death.....	118
Number of insured lives at date of statement.....	1,806

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## DETAIL OF POLICIES ISSUED SINCE 31ST MARCH, 1878.

Policies in force at beginning of year in Canada.....	1,052	1,893,387 67
Policies issued during the year.....	394	845,050 00
Policies terminated as above.....	114	203,600 00
Policies reduced.....		1,700 00
Policies in force at date of statement.....	1,332	2,533,137 67

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Subscribed and sworn to, 13th February, 1883, by

WILLIAM ROBERTSON.

(Received 14th February, 1883.)



LONDON AND LANCASHIRE LIFE—*Continued.*

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31st DECEMBER, 1882.

(Abstracted from Directors' Report, 1883.)

NEW ASSURANCES.

For 1882, the number of proposals received during the year was 1,629 for \$3,385,050 00		
Deducting declined or not completed.....	279 "	719,000 00
There were issued.....	1,350 "	\$2,666,050 00

Yielding a new premium income of \$101,012.83—the largest amount of new business the Company has secured in any one year.  
The average age of the lives assured is 33.

The new assurances during the past quinquennium are shown by the following table:—

	No. of Policies.	Sums Assured.	New Premiums.
1878 .....	1,009 .....	\$1,869,215 .....	\$ 63,735
1879 (11 months) .....	888 .....	1,690,740 .....	59,370
1880 .....	1,272 .....	2,268,435. .....	77,295
1881 .....	1,310 .....	2,526,325 .....	91,590
1882 .....	1,350 .....	2,666,050 .....	101,012

The total premium income is now \$520,087, and deducting premiums paid to other offices for re-assurance, the net amount is \$478,346. The increase over the net premium income of the previous year being \$62,093.

The claims by death, with bonus additions, and those matured under endowment assurances, amount to \$183,542.

The accounts on the annexed page are in accordance with the Insurance Companies' Act. They show that, after payment of claims, surrenders, and all other outgoings, the sum of \$219,095, as the result of 1882, has been added to the funds, which now stand at \$1,501,627.

The following table gives the annual addition to the funds since 1877:—

	Increase over previous year.	Total funds.
1878 .....	\$ 92,792 .....	\$ 851,724
1879 .....	64,924 .....	916,648
1880 .....	197,077 .. ..	1,113,725
1881 .....	168,807 .....	1,282,532
1882 .....	219,095 .....	1,501,627

Showing a total increase of \$742,695 in five years.

THE VALUATION.

The calculations in connection with the Quinquennial Valuation have been based on the Table of Mortality known as the Institute of Actuaries', deduced from the combined experience of twenty Life Offices, and the rate of interest assumed 4 per cent. The whole of the loading added to the pure or net premiums, the value of which is \$1,312,859, has been reserved for future profits and expenses.

LONDON AND LANCASHIRE LIFE—*Continued.*

The result is a surplus of \$180,596, as shown by the following Statement:—

## LIABILITIES.

Value of \$15,269,795, Assured by 8,131 policies .....	\$6,554,809 00
Surplus .....	180,596 00
	<u>\$6,735,405 00</u>

## ASSETS.

Value of—\$11,502 premiums.....	\$6,501,118 00
Less value of loading.....	1,312,859 00
	<u>\$5,188,259 00</u>
Value of re-assurances.....	113,474 00
Assurance fund.....	1,433,672 00
	<u>\$6,735,405 00</u>

Policy-holders' share of profits:—

The divisible surplus, viz., \$140,000, will enable the Board to declare a Reversionary Bonus on the sums assured by the whole life participating policies in force at rates varying from 1 to 1½ per cent. per annum.

## BALANCE SHEET ON THE 31ST DECEMBER, 1882.

## LIABILITIES.

Shareholders' capital paid up.....	\$50,000 00
Proprietors' share of profits.....	17,955 00
	<u>\$67,955 00</u>
Assurance Fund .....	1,433,672 00
Total funds (as per First Schedule).....	\$1,501,627 00
Claims admitted, but not paid.....	11,115 00
Other sums owing by the Company:—	
Interest to shareholders, &c.....	1,722 00
	<u>\$1,514,464 00</u>

## ASSETS.

Mortgages on property within the United Kingdom.....	\$ 33,650 00
Mortgage on Freehold property in Canada and Melbourne.....	199,642 00
	<u>\$233,292 00</u>
Loans on the Company's policies within the extent of their value .....	105,431 00
Investments:—	
In Indian and Colonial Government securities and special deposit with the Canadian Government.....	\$285,939 00
In Railway and other debentures and debenture stocks .....	63,923 00
In Indian Railway stocks .....	101,609 00
In Railway shares (preference and ordinary) .....	162,253 00
In house property (including Cornhill premises).....	121,719 00
In improved ground rents.....	69,832 00
In reversions.....	14,783 00
	<u>820,058 00</u>
Loans upon personal security in connection with life policies.....	20,946 00

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 LONDON AND LANCASHIRE LIFE—*Concluded.*

Branch offices' and agents' balances*.....	\$42,956 00	
December premiums, on which the days of grace are current*.....	94,470 00	\$138,426 00
Outstanding half-yearly and quarterly premiums.....		50,224 00
Outstanding interest .....	\$11,013 00	
Outstanding rents*.....	3,984 00	14,977 00
Cash:—		
In hand and on current account at head office and branches.....	\$64,119 00	
On deposit at head office and branches.....	46,730 00	
Bills receivable.....	7,521 00	118,370 00
Other assets:—		
Furniture and fittings at head office and branches.....	\$12,759 00	
Less amount written off for depreciation.....	1,113 00	
	\$11,646 00	
Policy Stamps in hand.....	154 00	
Sundry amounts due at date of balance*.....	950 00	12,750 00
		<u>\$1,514,464 00</u>

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\*These have, with few exceptions, been since paid.

THE LONDON ASSURANCE CORPORATION OF LONDON, ENGLAND.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Governor—WM. RENNIE, Esq. | Secretary—JOHN P. LAURENCE, Esq.  
 Head Office in Canada—Montreal.  
 Agent in Canada—C. C. FOSTER. | Principal Office—  
 No. 7 Royal Exchange, London.  
 (Incorporated, A.D., 1720. Commenced business in Canada, 1st March, 1862.)

(For Capital, see Fire Statement.)

Amount of premiums received in cash during the year on life policies  
 in Canada..... \$987 20

Amount paid during the year on account of death claims in Canada..... None.

(For Assets in Canada, see Fire Statement.)

LIABILITIES IN CANADA.

Amount estimated to cover the net reserve on all outstanding policies  
 in Canada..... \$4,000 00  
 Total net liability to policy-holders in Canada ..... \$4,000 00

MISCELLANEOUS.

Number of policies reported during the year as taken in Canada. None.  
 Number of policies become claims in Canada during the year... None.  
 Number of policies in force in Canada at date..... 8  
 Amount of said policies..... \$27,740 00  
 Add bonus additions ..... 2,385 00  
 Total amount in force at 31st December, 1882 ..... \$30,125 00

Number of policies terminated during the year in Canada..... None.

Policies in force at beginning of year in Canada (including bonus  
 additions, \$2,385.00) ..... 8 \$30,125 00  
 Policies in force at date of statement (including bonus additions,  
 \$2,385)..... 8 30,125 00  
 Number of insured lives at beginning and end of year in Canada... 8  
 Subscribed and sworn to, 30th March, 1883, by

C. C. FOSTER.

(Received, 31st March, 1883.)

LONDON ASSURANCE CORPORATION—*Concluded.*

## REVENUE ACCOUNTS FOR THE YEAR ENDING 31ST DECEMBER, 1882.

## LIFE ASSURANCE ACCOUNT.

(For Balance Sheet see Fire Statement.)

	£	s.	d.
1881.			
Dec. 31. Amount of Life Assurance fund at this date.....	1,772,906	13	5
1882			
Dec. 31. Premiums after deduction of re-assurance premiums and returns .....	150,033	12	
Consideration for annuities granted.....	2,832	15	0
Interest and dividends.....	£78,533	17	11
Less income tax.....	1,715	3	6
	76,818	14	5
Profit on realization of securities.....	1,133	5	1
Profit on falling in of reversion.....	1,623	0	0
Portion of abatement under series of 1831, estimated 1st November, 1881, and appropriated to policies not renewed in 1882.....	93	14	3
	<u>£2,005,441</u>	<u>14</u>	<u>4</u>
1882.			
Dec. 31. Claims under life policies after deduction of sums re-assured	129,203	13	10
Surrenders.....	5,814	17	4
Annuities .....	9,294	2	1
Commission .....	5,177	10	5
*Expenses of management (apportioned).....	11,416	5	7
Bonus taken by assured in cash.....	414	9	0
Bonus taken by assured in abatement of premiums:—			
Series of 1831.....	£10,435	13	3
Series of 1846.....	449	5	3
	10,884	18	6
Portion of profits appropriated to shareholders as per profit and loss account:—			
Old series.....	£10,000	0	0
Series of 1831 .....	5,217	16	7
Series of 1846.....	10,733	12	0
	£25,951	8	7
*Less expenses of management as above.....	11,416	5	7
	14,535	3	0
Amount of Life Assurance funds at this date as per balance sheet .....	1,818,700	14	7
	<u>£2,005,441</u>	<u>14</u>	<u>4</u>

\*To meet the request of the Board of Trade, the expenses of management have been apportioned by an arbitrary process between the Marine, Fire and Life Departments, instead of being charged (as previous to 1874) in one sum in the profit and loss account. The portion of such expenses thus allotted to the Life Department has been deducted from the Corporation's share of the profits of that department; the assured therefore continue exempt from this charge.

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**METROPOLITAN LIFE INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—JOSEPH F. KNAPP. | *Secretary*—JOHN R. HEGEMAN.  
*Principal Office*—New York City.  
*Agent in Canada*—THOMAS A. TEMPLE. | *Head Office in Canada*—St. John, N.B.  
 (Organized or Incorporated, January, 1866. Commenced business in Canada,  
 November, 1872.)

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**CAPITAL.**

Amount of capital authorized, subscribed for and paid up in cash..... \$100,000 00

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Premiums received in cash and in notes, loans or liens on life policies  
 in Canada..... 22,993 18

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Amount paid for surrendered policies..... \$3,923 55  
 Amount paid for dividends or bonuses to policy-holders..... 3,841 60

Total net amount paid to policy-holders in Canada..... \$7,765 15

**ASSETS IN CANADA.**

United States bonds in deposit with Receiver-General..... \$100,000 00

**LIABILITIES IN CANADA.**

Amount of claims on policies in Canada unsettled but not resisted..... \$ 7,000 00

\* Amount computed to cover the net reserve on all outstanding policies.. \$100,385 00  
 Deduct amount of deferred and outstanding premiums, less

cost of collection at 10 per cent..... \$ 3,715 94

Deduct notes and liens on above policies ..... 12,426 02  
16,141 96

Difference carried out..... 84,243 04

Total net liabilities to policy-holders in Canada..... \$91,243 04

**ISCELLANEOUS.**

Number of new policies reported during the year as taken in Canada. 4

Amount of said policies..... \$ 6,000 00

Number of policies become claims in Canada during the year..... 4

Amount of said claims..... 7,000 00

Number of policies in force in Canada at date..... 355

Amount of said policies..... 803,432 00

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\* Reserve at 4½ per cent., based on American Experience Table.

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**METROPOLITAN LIFE—Concluded.**

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
1. By death.....	4	\$ 7,000 00
2. By surrender.....	15	36,500 00
(For which cash value has been paid, \$3,923.55.)		
3. By lapse.....	15	50,000 00
<b>Total.....</b>	<b>34</b>	<b>\$93,500 00</b>

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Policies in force at the beginning of year.....	385	\$890,932 00
Policies issued during the year.....	4	6,000 00
Policies terminated as above.....	34	93,500 00
Policies in force at date of statement.....	355	803,432 00

Number of insured lives—No return.

Subscribed and sworn to, 3rd March, 1883, by

**JOHN R. HEGEMAN,**  
*Secretary.*

(Received 6th March, 1883.)

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 THE NATIONAL LIFE INSURANCE COMPANY, U.S. OF A.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—VAN H. HIGGINS.

; |

Secretary—J. H. NITCHIE.

Principal Office—Washington, D.C.

Agent in Canada—JOHN F. BELL.

|

Head Office in Canada—Windsor, Ont.

(Organized or Incorporated, 25th July, 1868; Commenced business in Canada, 11th June, 1869.)

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 CAPITAL.
 

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Amount of capital authorized, subscribed for and paid up in cash.....\$1,000,000 00

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 Amount of premiums received in cash during the year on life policies in Canada..... \$9,356 85
 

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Amount paid during the year on claims in Canada, viz:—

On account of death claims.....	\$2,176 00
do of matured endowments .....	4,500 00

Net amount paid on account of claims..... \$ 6,676 00

Amount paid for surrendered policies..... 6,204 34

Total net amount paid to policy-holders in Canada..... \$12,880 34

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 ASSETS IN CANADA.
 

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U.S. bonds in deposit with Receiver-General—Par value, \$100,000.00;	
Market value.....	120,375 00

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 LIABILITIES IN CANADA.
 

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Amount of claims on policies in Canada unsettled but not resisted.....	\$ 3,000 00
Amount of claims in Canada resisted .....	5,500 00

* Amount estimated to cover the net reserve on all outstanding policies in Canada .....	\$120,658 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent.....	986 54

Difference carried out..... 119,671 46

Total net liabilities to policy-holders in Canada..... \$128,171 46

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 \* Estimated upon American Experience Table of Mortality, with 4 per cent. interest. The net reserve upon American Experience Table, 6 per cent. interest, is \$98,657.00.



NATIONAL LIFE—*Continued.*

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	6	
Amount of said claims.....		\$ 7,700 00
Number of policies in force in Canada at date.....	407	
Amount of said policies.....		441,702 00

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death .....	3	\$ 3,200 00
2. By maturity.....	3	4,500 00
3. By surrender and lapse.....	30	75,750 00

(For which cash value has been paid, \$6,204.34; and paid-up policies granted to amount of \$4,819.00.)

Total.....	<u>36</u>	<u>\$83,450 00</u>
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Policies in force at beginning of year.....	443	\$525,152 00
Policies terminated as above.....	36	83,450 00
Gross policies in force at date of statement.....	407	441,702 00

Number of insured lives.—No return.

Subscribed and sworn to, 13th March, 1883, by

J. H. NITCHIE,  
*Secretary.*

(Received, 27th March, 1883.)

## GENERAL STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(As returned to the Auditor of Public Accounts, State of Illinois.)

## INCOME.

Total premium income.....	\$146,770 82
Cash received for interest or dividends .....	135,666 77
Cash received as discount on claims paid in advance.....	193 97
Cash received for rents .....	99,530 48

Total income.....	<u>\$382,162 04</u>
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## DISBURSEMENTS.

Total amount paid for losses and matured endowments.....	\$150,087 47
Cash paid to annuitants (including premium annuities, or certificates for premiums paid in advance).....	2,457 99
Cash paid for surrendered policies (less \$6,922.63 received from other companies for re-insured policies).....	217,681 49
Premium notes, loans or liens used in purchase of surrendered policies (voided by lapse in profit and loss account).....	2,699 23
Cash surrender values, including re-converted additions applied in payment of premiums.....	1,761 78
Cash paid stockholders for interest or dividends.....	150,000 00
General expenses.....	124,929 19

Total disbursements.....	<u>\$649,617 15</u>
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 NATIONAL LIFE—*Concluded.*

## ASSETS.

Book value of real estate, exclusive of all encumbrances.....	\$1,832,497 38
Loans on bonds and mortgages (first lien) on real estate and tax certificates on mortgaged property.....	833,735 47
Loans secured by pledge of bonds, stocks or other marketable collaterals	293,000 00
Premium notes, loans or liens on policies in force.....	20,906 96
Cost value of bonds and stocks owned.....	166,427 50
Cash on hand and in banks.....	73,844 75
Agents' balances.....	5,047 03
Sundry .....	53,456 31
<b>Total net or ledger assets.....</b>	<b>\$3,278,915 40</b>
Deduct depreciation and offset claim .....	6,106 25
<b>Total .....</b>	<b>\$3,272,809 15</b>

## OTHER ASSETS.

Interest due and accrued.....	\$30,066 64
Rents due and accrued.....	1,568 10
Market value of stocks and bonds over cost. ....	19,592 50
Due from other companies for losses.....	15,403 00
Net amount of uncollected and deferred premiums.....	15,056 63
<b>Total assets... ..</b>	<b>\$3,354,496 02</b>

## LIABILITIES.

*Net re-insurance reserve.....	\$1,757,811 00
Total unsettled claims.....	115,721 36
Other liability.....	11,648 77
<b>Total liabilities on policy-holders' account .....</b>	<b>\$1,885,181 13</b>
Gross surplus on policy-holders' account.. ..	\$1,469,314 89
Capital stock paid up.....	1,000,000 00

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Number of policies issued during the year.....	159
Amount of said policies.....	\$162,761 00
Number of policies terminated during the year.....	1,082
Amount terminated .....	2,148,008 00
Number of policies in force at date .....	5,043
Amount in force.....	7,633,853 00

Subscribed and sworn to, 6th March, 1883, by

VAN. H. HIGGINS,  
*President.*

J. H. NITCHIE,  
*Secretary.*

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\*Computed according to the American Table of Mortality with 6 per cent. interest.  
The net reserve on the American Table, 4½ per cent. interest, is \$2,149,147, and on the American Table 4 per cent. interest is \$2,363,427.

THE NEW YORK LIFE INSURANCE COMPANY.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—MORRIS FRANKLIN } *Vice-President and Actuary*—W.H. BEERS.

*Principal Office*—346 and 348 Broadway, N.Y.

*Agent in Canada*—F.W. CAMPBELL, M.D. | *Head Office in Canada*—Montreal.

(Organized or incorporated, 1841. Commenced business in Canada about 1868.)

*A purely Mutual Company—No Capital.*

Amount of premiums received during the year on life policies in Canada \$94,139 02

Amount paid during the year on claims in Canada, viz:

On account of death claims..... \$53,690 93  
 On account of matured endowments..... 5,323 49

Net amount paid on account of claims..... \$59,014 42  
 Amount paid for surrendered policies..... 107,106 04  
 Amount paid for dividends or bonuses to policy holders..... 8,318 03

Total net amount paid to policy-holders in Canada..... \$174,438 49

ASSETS IN CANADA.

U.S. bonds—4 p.c. consols—in deposit with Receiver-General..... \$100,000 00

LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted..... \$21,676 17  
 Net re-insurance reserve on policies in Canada..... No return

MISCELLANEOUS.

Number of policies become claims in Canada during the year..... 23  
 Amount of said claims.... \$ 77,770 08  
 Number of policies in force in Canada at date..... 1,418  
 Amount of said policies..... 3,533,955 00

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**NEW YORK LIFE—Concluded.**

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	19	\$74,519 93
2. By maturity.....	4	3,259 15
3. By surrender and lapse.....	47	245,389 92
Total.....	<u>70</u>	<u>\$323,160 00</u>

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Policies in force at beginning of year.....	1,482	\$3,846,745 00
Policies issued during the year, paid up policies and removals....	6	10,370 00
Policies terminated as above.....	70	323,160 00
Policies in force at date of statement.....	1,418	3,533,955 00

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Number of insured lives--No return.

(Received 30th March, 1883.)

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THE NORTH AMERICAN LIFE ASSURANCE COMPANY.

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—HON. ALEXANDER MACKENZIE, M.P. |

*Managing Director and Agent*—

WILLIAM McCABE, F.I.A. |

*Secretary*—LEOPOLD GOLDMAN.

*Head Office*—Toronto, Ontario.

(Incorporated 15th May, 1879. Organized and commenced business in Canada,  
10th January, 1881.)

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CAPITAL.

Amount of guarantee fund authorized and subscribed for.....	\$100,000 00
Amount paid up in cash.....	<u>57,400 00</u>

(For List of Guarantors, see Appendix.)

ASSETS AS PER LEDGER ACCOUNTS.

Amount secured by way of loans on real estate by bond or mortgage, first liens.....	\$14,011 00
Amount of loans secured by bonds, stocks or other marketable collaterals Viz.:—	<u>29,499 90</u>

	Par Value.	Market Value.	Amount Loaned.
Upon stock and bonds of Dominion Bank	\$ 5,000 00	\$ 9,800 00	\$ 9,250 00
Manitoba and North-West Loan Company	3,000 00	3,780 00	3,012 50
People's Loan and Deposit Company.....	5,000 00	5,400 00	5,000 00
Manitoba and North-West Loan Company	10,250 00	12,915 00	11,000 00
Village of Blenheim debentures.....	2,000 00	2,000 00	1,237 40
	<u>\$25,250 00</u>	<u>\$33,895 00</u>	<u>\$29,499 90</u>

Cash at head office and at branch offices.....	613 96
Cash deposited with the Dominion Government.....	<u>50,000 00</u>

Cash in banks, viz.:—

Federal Bank, Toronto.....	\$8,847 87
People's Bank, Halifax.....	421 60
Jacques Cartier, Montreal.....	251 86
Federal Bank, Montreal.....	392 53
do      Winnipeg.....	<u>1,461 17</u>

Total.....	11,365 03
Bills receivable (being short date notes for premiums).....	<u>6,880 66</u>
Total.....	<u>\$112,370 55</u>

OTHER ASSETS.

Interest accrued.....	1,604 89
Due from other companies for losses or claims on the Company's policies re-insured.....	<u>4,000 00</u>

NORTH AMERICAN LIFE—*Continued.*

Gross premiums due and uncollected, on policies in force .....	\$10,778 77
Gross deferred premiums on same .....	13,992 75
<b>Total outstanding and deferred premiums.....</b>	<b>\$23,871 52</b>
Deduct cost of collection at 10 per cent .....	2,387 15
<b>Total outstanding and deferred premiums.....</b>	<b>\$21,484 37</b>
Commuted commissions.....	6,250 00
Furniture .....	1,100 00
Preliminary expenses.....	2,000 00
Reversions.....	4,324 80
<b>Total.....</b>	<b>\$153,134 61</b>
<i>Deduct preliminary expenses above.....</i>	<i>2,000 00</i>
<b>Total assets .....</b>	<b>\$151,134 61</b>

## LIABILITIES.

* Amount estimated to cover the net present value of all policies in force... \$80,490 00	
Deduct value of policies re-insured in other companies .....	6,798 00
<b>Net re-insurance reserve.....</b>	<b>\$73,692 00</b>
Claims for death losses, unadjusted but awaiting proof.....	4,000 00
Contingent fund, being amount held in hand to cover cost of collecting the outstanding and deferred premiums, and also all other liabilities, \$10,000.00, less \$2,387.15 as above.....	7,612 85
<b>Total liability.....</b>	<b>\$85,304 85</b>
Surplus on policy-holders' account.....	\$65,829 76
Guarantee fund.....	57,400 00
<b>Surplus above all liabilities and guarantee fund.....</b>	<b>\$8,429 76</b>

## INCOME DURING THE YEAR.

Cash received for premiums.....	\$82,680 01
Deduct premiums paid to other companies for re-insurance.....	5,612 88
<b>Total premium income .....</b>	<b>\$77,067 13</b>
Amount received for interest or dividends.....	3,947 03
<b>Total income.....</b>	<b>\$81,014 16</b>

## EXPENDITURE DURING THE YEAR.

Cash paid for death losses.....	\$ 2,819 00
(Of this \$1,319.00 is for industrial.)	
Commissions, salaries and other expenses of officials.....	18,346 43
Rents, taxes, licenses, fees or fines.....	1,305 75

\* Based on Mortality Experience H. M. Table interest at 4½ p. c. Institute of Actuaries of Great Britain and Ireland.

NORTH AMERICAN LIFE—Continued.

Other expenditure, viz.: Medical fees, \$2,330.66; advertising, \$1,214.88; exchange, \$56.79; travelling expenses, \$3,624.08; general expenses, \$335.87; postage, \$349.43; printing and stationery, \$1,154.04; fees for Act of Incorporation and amendment thereto with Solicitor's charges, \$917.00; Directors' fees, \$1,417.00; furniture, \$590.00	11,989 75
Total expenditure.....	<u>\$34,460 93</u>

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada	1,272
Amount of said policies.....	\$1,334,883 00
(Of these 697 for \$114,183 were industrial policies.)	
Number of policies become claims in Canada during the year.....	12
Amount of said claims.....	6,819 00
(Of these 9 for \$1,319 were industrial policies.)	
Amount of above claims re-insured in other licensed companies in Canada	4,000 00
Number of policies in force in Canada at date, general 947, industrial 1267	
Amount of said policies, general.....	\$2,029,650 00
do do industrial.....	184,287 00
	<u>\$2,213,937 00</u>
Amount of said policies re-insured in other licensed companies in Canada	272,000 00
Net amount in force at 31st December, 1882.....	<u>\$1,941,937 00</u>

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death (of these 9 were industrial policies for \$1,319.00)	12	\$ 6,819 00
2. By lapse (of these 661 do 99,433.00)	763	248,883 00
	<u>775</u>	<u>\$255,702 00</u>

Policies in force at beginning of year:—

	No.	Amount.
General .....	515	\$1,040,500 00
Industrial .....	1,301	181,212 00
	<u>1,816</u>	<u>\$1,221,712 00</u>

Policies issued during the year:—

General.....	609	\$1,269,200 00	
Industrial .....	858	143,971 00	
	<u>1,467</u>	<u>1,413,171 00</u>	
Policies terminated as above.....	775	255,702 00	
Policies terminated by change.....		3,000 00	
Policies not taken of this and last year's issue (of these 222 were industrial for \$40,144).....	294	162,244 00	
Policies in force at date of statement .....	2,214	2,213,937 00	

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 NORTH AMERICAN LIFE—*Concluded.*

Number of insured lives at beginning of year.....	1,790
Number of new insurers during the year.....	1,417
Number of deaths during the year among the insured.....	11
Number of insured whose policies have been terminated during the year otherwise than by death.....	1,031
Number of insured lives at date of statement.....	2,165

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 Subscribed and sworn to, 22nd January, 1883, by

A. MACKENZIE,  
*President.*  
L. GOLDMAN,  
*Secretary.*

(Received, 24th January, 1883.)

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 THE NORTH BRITISH AND MERCANTILE INSURANCE COMPANY.
 

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## STATEMENT FOR THE YEAR ENDING 30TH NOVEMBER, 1882.

*President*—His Grace the DUKE OF ROXBURGHE. | *Chairman*—DAVID DAVIDSON.

*Principal Office*—Edinburgh, Scotland.

*Agents in Canada*— | *Head Office in Canada*—  
D. LORN MACDOUGALL & THOS. DAVIDSON. | Montreal.

(Organized and incorporated, 1809. Commenced business in Canada, 1862.)

## CAPITAL.

(See Fire Statement.)

Amount of premiums received in cash during the year on life policies in Canada. ....	\$24,366 85
<b>Total net premium income.....</b>	<b>\$24,366 85</b>

Amount paid during the year on claims in Canada, viz. :—

On account of death claims (including bonus additions \$8,630.61).....	\$42,450 59
do      matured endowments .....	400 00
<b>Total amount paid for claims in Canada.....</b>	<b>\$42,850 59</b>
(Of this amount \$15,811.77 became claims in 1880.)	
Amount paid for surrendered policies.....	3,998 76
Amount paid for surrendered bonuses to policy-holders.....	704 04
<b>Total net amount paid to policy-holders in Canada.....</b>	<b>\$47,553 39</b>

(For Assets in Canada see Fire Statement.)

## LIABILITIES IN CANADA.

*Under policies issued previous to 31st March, 1878.*

Amount computed to cover the net reserve on all outstanding policies in Canada.....	No Return.
Deduct half-credit debts.....	No Return.
Net re-insurance reserve.....	No Return.
<b>Total net liabilities to said policy-holders in Canada.....</b>	<b>No Return.</b>

*Under policies issued subsequent to 31st March, 1878.*

Amount computed to cover the net reserve on all outstanding policies in Canada.....	No Return.
<b>Total liabilities to all policy-holders in Canada (Estimated)....</b>	<b>\$275,000 00</b>

NORTH BRITISH AND MERCANTILE—*Continued.*

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada	11	
Amount of said policies.....		\$36,500 00
Number of policies become claims in Canada during the year.....	6	
Amount of said policies (including bonus additions \$5,118.81).....		27,038 82
Number of policies in force in Canada at date.....	326	
Amount of said policies.....		\$804,866 24
Add bonus additions.....		126,050 84
Total amount of policies in force 30th November, 1882.		<u>\$930,917 08</u>

## Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death (exclusive of bonus).....	5	\$21,519 98
2. By maturity.....	1	400 00
3. By surrender.....	5	24,730 00
(For which cash value has been paid \$3,998.76.)		
4. By lapse.....	5	9,346 66
	<u>16</u>	<u>\$55,996 64</u>

Policies in force at beginning of year (exclusive of bonuses).....	331	\$824,362 87
Policies issued during the year .....	11	36,500 00
Policies terminated as above.....	16	55,996 64
Policies in force at date of statement (exclusive of bonuses).....	326	804,866 24

Number of insured lives at beginning of year.....	322
Number of new insurers during the year.....	11
Number of deaths during the year among insured.....	5
Number of insured whose policies have been terminated during the year otherwise than by death .....	11
Number of insured lives at date of statement.....	317

## DETAIL OF POLICIES ISSUED SINCE 31ST MARCH, 1878.

	No.	Amount.
Policies in force at beginning of year in Canada.....	43	\$94,507 80
Policies issued during the year.....	11	36,500 00
Policies terminated as above.....	2	5,000 00
Policies in force at date of statement.....	52	126,007 80

Subscribed and sworn to, 19th March, 1883, by

THOS. DAVIDSON.

(Received 21st March, 1883.)

## NORTH BRITISH AND MERCANTILE—Continued.

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*(Abstracted from Directors' Report, Edinburgh, 3rd April, 1883.)*

## LIFE BUSINESS.

During the year 1882 there were issued 961 policies, assuring £912,590, the new premiums on which amount to £32,877 4s. 9d. In 1881 the number of policies was 917, the sums assured were £848,047, and the new premiums were £28,650 3s. 4d.

The income of the Life branch, from premiums and interest, amounted in the year 1882 to £469,075 5s. 5d.

The claims admitted during the year, including 19 endowments, were 286 in number, arising under 334 policies, and the sums which became payable on account of these, amount, with bonus additions, to the sum of £233,195 0s. 10d., after deducting re-assurances.

It will be seen from the Balance-Sheet annexed that the Life assurance fund now amounts to £3,274,835 19s. 1d., showing an increase during the year of £162,245 11s. 5d. The whole of the fund is separately invested, and, by Act of Parliament, is set aside to meet the claims under this department of the Company's business.

## ANNUITY BUSINESS.

In the annuity branch 115 bonds were issued, securing the sum of £11,963 0s. 7d. yearly, for which the Company received the sum of £108,992 2s. 4d.

During the year 47 annuities have fallen in, relieving the Company of the sum of £2,270 10s. 3d. yearly.

## REVENUE ACCOUNTS.

## LIFE ASSURANCE ACCOUNT.

Amount of Life Assurance Fund at the beginning of the year.....	£3,112,590	7	8
Premiums, after deduction of re-assurance premiums.....	331,241	16	3
Interest.....	137,833	9	2
Recording fees.....	124	5	0
Profit on stock realized.....	353	14	9
Debts recovered.....	2,329	1	10
	<u>£3,584,472</u>	<u>14</u>	<u>8</u>

Claims under Life Policies after deduction of sums re-assured.....	£233,195	0	10
Surrenders.....	29,180	14	0
Commission.....	13,671	5	11
Expenses of management.....	26,901	10	5
Agency balances irrecoverable.....	160	1	1
Balance of United Kingdom Re-assurance account transferred to Life Assurance Fund account.....	6,523	3	4

NOTE—The balance on this account, which was entered in last Balance-sheet under the head of Purchase of Life Policies of other Companies, is now merged in the general Assurance account.

Amount of Life Assurance Fund at the end of the year.....	3,274,835	19	1
	<u>£3,584,472</u>	<u>14</u>	<u>8</u>

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 NORTH BRITISH AND MERCANTILE—*Concluded.*

## ANNUITY ACCOUNT.

Amount of Annuity fund at the beginning of the year.....	£395,515	3	4
Consideration for annuities granted .....	108,992	2	4
Premiums .....	563	5	8
Interest .....	15,161	19	11
	<u>£520,232</u>	<u>11</u>	<u>3</u>
Annuitants paid .....	£45,281	15	5
Commission .....	579	9	1
Expenses of management .....	1,224	3	7
Amount of Annuity fund at the end of the year.....	473,147	3	2
	<u>£520,232</u>	<u>11</u>	<u>3</u>

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(For Balance sheet, see Fire Statement.)

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THE NORTH-WESTERN MUTUAL LIFE INSURANCE COMPANY.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—H. L. PALMER. | *Secretary*—J. W. SKINNER.  
*Principal Office*—Milwaukee, Wis., U.S.  
*Agent in Canada*—M.W. MILLS. | *Head Office in Canada*—Toronto.  
 (Organized or Incorporated, March, 1857. Commenced business in Canada,  
 November, 1871.)

A PURELY MUTUAL COMPANY—NO CAPITAL STOCK.

Amount of premiums received in cash during the year on life policies in Canada.....	\$27,389 30
Amount of notes, loans or liens taken during the year in payment of premiums in Canada.....	102 37
<b>Total net premium income.....</b>	<b><u><u>\$27,491 67</u></u></b>

Amount paid during the year on claims in Canada, viz. :—

On account of death claims.....	\$8,061 00
On account of matured endowments.....	1,000 00
<b>Net amount paid on account of claims in Canada.....</b>	<b>\$9,061 00</b>
(Of this amount \$2,061.00 accrued in previous years.)	
Amount paid for surrendered policies.....	1,054 97
Amount paid for dividends or bonuses to policy-holders.....	8,774 20
<b>Total net amount paid to policy holders in Canada.....</b>	<b><u><u>\$18,890 17</u></u></b>

ASSETS IN CANADA.

United States registered bonds held by the Receiver-General.....	<u><u>\$100,000 00</u></u>
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LIABILITIES IN CANADA.

Amount of claims on policies in Canada, unsettled .....	None.
* Amount estimated to cover the net reserve on all outstanding policies in Canada .....	\$135,000 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent .....	\$1,230 95
Deduct notes.....	490 84
	<u>1,721 79</u>
<b>Difference carried out.....</b>	<b>133,278 21</b>
<b>Total net liability to policy-holders in Canada.....</b>	<b><u><u>\$133,278 21</u></u></b>

\* Estimate based on Actuaries' Table—4 per cent.

NORTH-WESTERN MUTUAL LIFE—*Concluded.*

MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	3	
Amount of said claims.....		\$7,000 00
Number of policies in force in Canada at date.....	590	
Amount of said policies.....		<u>857,235 00</u>

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	2	\$ 6,000 00
2. By maturity.....	1	1,000 00
3. By surrender ....	9	14,000 00
(For which cash value has been paid, \$1,054.97.)		
4. By surrender, \$14,500.		
(For which paid-up policies have been granted to amount of \$3,215.)		
Difference of amounts carried out.....		11,285 00
5. By lapse.....	6	6,000 00
Total .....	<u>18</u>	<u>\$38,285 00</u>

Policies in force at beginning of year in Canada.....	605	\$889,702 00
Policies issued during the year (paid up policies issued in exchange for policies surrendered, including those issued for surrender value of lapsed policies) .....	14	\$3,747 00
Restored.....	1	3,000 00
Added by dividends.....		<u>2,286 00</u>
Total .....	15	9,033 00
Policies terminated as above, and by change to paid-up policies....	30	41,500 00
Policies in force at date of statement.....	590	857,235 00

No account of number of lives insured.

Subscribed and sworn to, 3rd March, 1883, by

M. W. MILLS.

(Received, 17th February, 1883.)

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 THE ONTARIO MUTUAL LIFE ASSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—ISAAC E. BOWMAN.

Secretary—W. H. RIDDELL.

| Manager and Agent—WILLIAM HENDRY.

Head Office—Waterloo, Ontario.

(Organized or incorporated A.D. 1869. Commenced business in Canada A.D. 1870.)

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 CAPITAL.
 

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This Company is purely mutual and has no stock capital.

## ASSETS AS PER LEDGER ACCOUNTS.

Value of real estate (less encumbrances) held by the Company.....	\$ 6,314 53
Amounts secured by way of loans on real estate by bond or mortgage, first liens.....	195,442 34
(Amount of loans as above on which interest has not been paid within one year previous to statement, \$8,200)	
Amount of loans made in cash to policy-holders on the Company's policies assigned as collaterals.....	28,417 57
Premium obligations on policies in force.....	47,802 52
Stocks and bonds owned by the Company, viz. :—	

	Par Value.	Market Value.
Town of Waterloo .....	\$11,748 00	\$12,559 73
City of Guelph .....	7,800 00	7,969 00
Town of Mitchell .....	2,420 00	2,480 00
Town of Thorold .....	6,062 52	6,153 56
Township of Foley .....	2,000 00	2,020 00
Town of Berlin .....	2,823 00	2,830 00
Village of Port Elgin.....	1,355 00	1,405 00
Town of Brampton .....	2,500 00	2,545 00
Village of Teeswater.....	5,700 00	5,747 00
Village of Brussels .....	10,000 00	11,125 00
Palmerston .....	2,500 00	2,964 00
Owen Sound.....	15,000 00	15,810 00
Total par and market value.....	<u>\$69,908 52</u>	<u>\$73,607 29</u>

Carried out at market value.....	73,607 29
Cash at head office.....	5 78

## Cash in banks, viz. :—

Cash in Molson's Bank, current account.....	\$1,429 41
do do special deposit.....	15,000 00
	<u>\$16,429 41</u>
Less outstanding cheques.....	3,800 61

Total cash.....	12,628 80
Bills receivable—short date notes secured by policies in force.....	7,950 18
Agents' and other ledger balances.....	5,775 68

Total.....	<u>\$377,944 69</u>
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## ONTARIO MUTUAL LIFE—Continued.

## OTHER ASSETS.

Interest due.....	\$ 4,661 71	
Interest accrued.....	15,056 89	
Total interest.....		19,118 60
Gross premiums due and uncollected on policies in force.....	\$3,212 66	
Gross deferred premiums on same.....	27,153 77	
Total outstanding and deferred premiums.....	\$30,366 43	
Deduct cost of collection at 10 per cent. including bills receivable.....	3,831 66	
Net outstanding and deferred premiums.....		26,534 77
Total assets.....		<u>\$423,598 06</u>

## LIABILITIES.

* Amount computed to cover the net present value of all policies in force..	\$385,119 67	
Deduct net value of policies re-insured in other companies.....	2,075 08	
† Net re-insurance reserve.....	\$383,044 59	
Net amount of death claims unadjusted but not resisted.....	7,437 72	
Claims for matured endowments unadjusted but not resisted.....	1,000 00	
(Matured in 1881; not reported in 1881 Report.)		
Total liabilities.....		<u>\$391,482 31</u>
Surplus on policy-holders' account.....		<u>\$32,115 75</u>

## INCOME DURING THE YEAR.

Cash received for premiums.....	\$142,496 00
Premium obligations taken in part payment of premiums.....	9,010 53
Premiums paid by dividends.....	11,863 70
Total.....	<u>\$163,370 23</u>
Deduct premiums paid to other companies for re-insurance.....	1,387 96
Total premium income.....	\$161,982 27
Amount received for interest or dividends on stock.....	14,355 27
Total income.....	<u>\$176,337 54</u>

## EXPENDITURE DURING THE YEAR.

Total net amount paid during the year for death claims.....	\$27,431 18
(Of this amount \$8,299.93 matured last year.)	
Cash paid for matured endowments.....	1,000 00
Cash paid for surrendered policies.....	3,167 89
Premium obligations voided by lapse.....	6,597 12
Cash dividends paid to policy-holders.....	140 44
Cash dividends applied in payment of premiums.....	11,863 70
Cash paid for commission, salaries and other expenses of officials.....	40,828 58
Cash paid for taxes, licenses, fees or fines.....	50 00

The reserve on the basis of Institute of Actuaries' Table, 4½ per cent. interest, as computed by the Department, is \$380,640.99.

† Actuaries, 4 per cent.



ONTARIO MUTUAL LIFE—Continued.

All other expenses, viz.:—Medical fees, \$4,762.50; books and stationery, \$592.50; rent of office, \$99.00; office furnishings, \$447.70; telegraphing, \$103.89; postage, \$525.47; printing, \$222.80; advertising \$830 95; travelling expenses, \$895.35; incidentals, \$403.57; commissions on loans and valuation fees, \$262.80; solicitor's fees, \$180.48.....

	\$ 9,327 01
<b>Total cash expenditure.....</b>	<b>\$100,405 92</b>

PREMIUM NOTE ACCOUNT.

Premium obligations on hand at commencement of year.....	\$44,793 66
do taken during the year.....	4,227 95
<b>Total.....</b>	<b>\$49,021 61</b>
Deduct premium obligations voided by lapse.....	\$6,597 12
do do transferred to loans.....	1,790 74
<b>Total deduction.....</b>	<b>\$8,387 86</b>
<b>Balance.....</b>	<b>\$40,633 75</b>
<b>Transferred from loans to liens.....</b>	<b>7,168 77</b>
<b>Balance, note assets at end of year.....</b>	<b>\$47,802 52</b>

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	1,341	
Amount of said policies.....		\$1,720,550 00
Number of policies become claims in Canada during the year....	27	
Amount of said claims.....		26,800 00
Number of policies in force in Canada at date.....	4,335	
Amount of said policies.....	\$5,504,478 71	
Amount of said policies re-insured in other licensed companies.....	75,000 00	
<b>Net amount in force 31st December, 1882.....</b>		<b>\$5,429,478 71</b>

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
(1.) By death.....	26	\$25,800 00
(2.) By maturity.....	1	1,000 00
(3.) By surrender.....	25	28,500 00
(For which cash value has been paid, \$3,167.89).		
(4.) By surrender, \$4,000.		
(For which paid-up policies have been granted to amount of \$675.00.)		
Difference of amounts carried out.....		3,325 00
(5.) By lapse.....	399	423,457 62
<b>Total.....</b>	<b>451</b>	<b>\$482,082 62</b>

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 ONTARIO MUTUAL LIFE.—*Concluded.*

	No.	Amount.
Policies in force at beginning of year.....	3,445	\$4,266,011 33
do issued during the year.....	1,535	1,952,050 00
do terminated as above.....	451	482,082 62
do terminated otherwise (and not taken).....	199	252,100 00
do in force at date of statement.....	4,335	5,504,478 71

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Number of insured lives at beginning of year..	3,370
do new insurers during the year.....	1,308
do deaths during the year among the insured.....	25
do insured whose policies have been terminated during the year otherwise than by death.....	471
do insured lives at date of statement... ..	4,182

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Subscribed and sworn to 6th April, 1883, by

I. E. BOWMAN,  
*President.*  
W. H. RIDDELL,  
*Secretary.*

(Received 8th April, 1883.)

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**PHENIX MUTUAL LIFE INSURANCE COMPANY.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—AARON C. GOODMAN. | *Secretary*—JOHN M. HOLCOMBE.  
*Principal Office*—Hartford, Conn.  
*Agent in Canada*—THOMAS SIMPSON. | *Head Office in Canada*—Montreal.  
 (Organized or Incorporated, May, 1851. Commenced business in Canada,  
 October, 1866.)

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**CAPITAL.**

Amount of capital authorized, subscribed for and paid up in cash..... \$100,000 00

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Gross amount of premiums received in cash during the year on life policies in Canada..... \$59,385 09  
 Gross amount of notes, loans or liens taken during the year in payment of premiums in Canada..... 3,693 00  
 Total premium income..... \$63,078 09

Amount paid during the year on claims in Canada, viz. :—

On account of death claims..... \$24,257 00  
 do           matured endowments..... 13,435 00

Net amount paid on account of claims..... \$37,692 00  
 (Of this amount \$8,400 accrued in previous years.)  
 Amount paid for surrendered policies..... 6,620 50  
 Amount paid for dividends or bonuses to policy-holders..... 12,281 58  
 Total net amount paid to policy-holders in Canada..... \$56,594 08

**ASSETS IN CANADA.**

United States bonds in deposit with Receiver-General..... \$105,000 00

**LIABILITIES IN CANADA.**

Amount of claims on policies in Canada unsettled but not resisted..... \$24,000 00  
 Amount estimated to cover net reserve on all outstanding policies in Canada. . . . . No Return.  
 Total liabilities in Canada..... No Return.

**MISCELLANEOUS.**

Number of policies become claims in Canada during the year..... 40  
 Amount of said claims..... \$ 53,292 00  
 Number of policies in force in Canada at date..... 1,692  
 Amount of said policies (exclusive of bonuses)..... 2,046,326 00

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 PHENIX MUTUAL LIFE—*Concluded.*

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	18	\$39,857 00
2. By maturity.....	22	13,435 00
3. By surrender.....	21	32,356 00
(For which cash value has been paid \$6,620.50.)		
4. By surrender \$26,394.		
(For which paid up policies have been granted to amount of \$6,485.00.)		
Difference of amounts carried out .....		19,909 00
5. By lapse.....	53	71,602 00
<b>Total.....</b>	<b>114</b>	<b>\$177,159 00</b>

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Policies in force at beginning of year.....	1,802	\$2,232,185 00
Policies revived 2 for \$1,700; removal to Canada 3 for \$5,500; paid up in lieu of cancelled policies 7 for \$3,825.....	12	11,025 00
Policies terminated as above.....	114	177,159 00
Policies terminated by cancellation and change of residence. ....	8	19,725 00
Policies in force at date of statement.....	1,692	2,046,326 00

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 Number of insured lives. No return.
 

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Subscribed and sworn to, 24th April, 1883, by

 THOMAS SIMPSON,  
*Chief Agent in Canada.*

 (Received, 25th April, 1883.)
 

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THE QUEEN INSURANCE COMPANY.

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—BERNARD HALL | *Manager*—J. MONCRIEFF WILSON.  
*Principal Office*—Liverpool.  
*Chief Agents in Canada*— | *Head Office in Canada*—  
FORBES & MUDGE. | 191 St. James Street, Montreal.  
(Organized or Incorporated 22nd July, 1858. Commenced business in Canada,  
5th July, 1859.)

(For Capital, see Fire Statement.)

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Amount of premiums received in cash during the year on life policies in Canada.....	<u>\$10,389 94</u>
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Amount paid during the year on account of death claims in Canada.... (Of this amount \$1,000 accrued previous to 1882.)	\$2,119 50
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Amount paid for surrendered policies .....	368 78
Amount paid for dividends or bonuses to policy-holders.....	125 78

Total net amount paid to policy-holders in Canada .....	<u>\$2,614 06</u>
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EXPENSES IN CANADA.

Cash paid for commission .....	\$620 53
Cash paid for sundry expenditure.....	41 23

Total .....	<u>\$661 76</u>
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(For Assets in Canada, see Fire Statement.)

LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted.....	\$5,250 00
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*Amount computed to cover the net reserve on all outstanding policies in Canada.....	74,810 40
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Total net liability to policy-holders in Canada.....	<u>\$80,060 40</u>
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MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada .....	10
Amount of said policies.....	\$20,000 00
Number of policies become claims in Canada during the year.....	5
Amount of said claims (including bonus addition \$125.78).....	6,495 28
Number of policies in force in Canada at date.....	205
Amount of said policies .....	\$415,319 41
† Bonus additions.....	14,515 43

Total amount in force, 31st December, 1882.....	<u>429,834 84</u>
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\*Based on Carlisle Table, 3 p. c. interest.

† Exclusive of New Brunswick, agent not being able to furnish the particulars.

THE QUEEN—*Continued.*

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	5	\$6,369 50
2. By expiry .....	1	4,000 00
3. By surrender.....	2	2,500 00
(For which cash value has been paid, \$368.78.)		
Total.....	8	\$12,869 50

Policies in force at beginning of year.....	203	\$408,188 91
Policies issued during the year.....	10	20,000 00
Policies terminated as above.....	8	12,869 50
Policies in force at date of statement (excluding bonus additions, \$14,515.43) .....	205	415,319 41

Number of insured lives at beginning of year in Canada.....	187
Number of new insurers during the year.....	9
Number of deaths during the year among insured .....	4
Number of insured whose policies have been terminated during the year otherwise than by death.....	3
Number of insured lives at date of statement.....	189

Subscribed and sworn to, 24th February, 1883, by

A. McK. FORBES.

(Received, 26th February, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Report, Liverpool, England, 25th May, 1883.)

## LIFE BRANCH.

The progress of this branch is very satisfactory.

During the year 1,126 proposals were received for assurances amount-  
ing to.....£378,016 0 0

Of which 241 proposals for £106,186 were either declined or not  
proceeded with, and 885 policies were completed and issued for..£271,830 0 0

(Yielding in new premiums, £8,685.)

At the close of 1881 the life fund stood at.....£395,352 10 10  
Out of which was paid for cash bonuses and surrenders..... 5,040 7 3

Leaving .....£390,312 3 7  
And there has been added in the past year..... 39,896 12 8

Making the fund stand at the close of 1882 at.....£430,208 16 3

(Which is equivalent to 69.3 per cent. of the entire premiums received on every  
policy in force.)

QUEEN—*Concluded.*

The income derived from new business is larger than was obtained in 1881, which was one of the best years in the Company's experience.

REVENUE ACCOUNTS OF THE QUEEN INSURANCE COMPANY FOR THE YEAR ENDING  
31ST DECEMBER, 1882.

LIFE INSURANCE FUND.

Amount of life insurance fund at the beginning of the year.....	£395,352	10	10
Premiums after deduction of re-assurances.....		67,987	14 2
Interest.....	£18,202	18	9
Less income tax.....	494	5	5
		17,708	13 4
		£481,048	18 4

LIFE INSURANCE FUND.

Claims under life policies (after deduction of sums re-assured).....	£36,685	8	2
Surrenders.....		3,679	4 10
Commission.....		3,980	3 10
Expenses of management.....		5,113	3 11
Other payments, viz. :—			
Cash bonus to policy-holders.....	£1,361	2	5
Bad debts.....		20	18 11
		1,382	1 4
Amount of Life Insurance Fund at the end of the year.....		430,208	16 3
		£481,048	18 4

ANNUITY FUND.

Amount of annuity fund at the beginning of the year.....	£13,111	18	9
Purchase money for annuities granted.....		1,046	0 0
Premiums for deferred annuities.....		14	6 1
Interest.....	£658	1	4
Less income tax.....		11	6 1
		644	15 3
		£14,817	0 1
Annuitants.....		£1,208	19 1
Expenses.....		11	16 5
Amount of Annuity Fund at the end of the year.....		13,596	4 7
		£14,817	0 1

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**THE RELIANCE MUTUAL LIFE ASSURANCE SOCIETY OF LONDON.**


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**STATEMENT FOR THE YEAR ENDING 31ST JANUARY, 1883.**

*President*—W. W. DUFFIELD, Esq. | *Secretary*—HENRY UNWIN, Esq.  
*Principal Office*—71 King William St, London, England.  
*Attorney in Canada*— | *Head Office in Canada*—  
 J. CASSIE HATTON. | 353 Notre Dame St., Montreal.  
 (Organized or Incorporated, 1840. Commenced business in Canada,  
 1st August, 1868.)

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**A MUTUAL COMPANY—NO CAPITAL.**


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Gross amount of premiums received in cash during the year on life policies in Canada.....	\$17,460 31
Deduct amount paid for premiums on policies re-insured in other licensed companies in Canada.....	195 25
<b>Total net premium income.....</b>	<b>\$17,265 06</b>

Amount paid during the year on account of death claims in Canada.... (Amount paid on account of previous year, \$1,500.)	\$8,007 25
Amount paid for surrendered policies.....	618 25
<b>Total net amount paid to policy-holders in Canada.....</b>	<b>\$8,625 50</b>

**ASSETS IN CANADA.**

New 3 per cent. British Annuities in deposit with Receiver-General....	\$110,277 00
Cash in hand and in banks in Canada.....	12,648 46
<b>Total assets in Canada.....</b>	<b>\$122,925 46</b>

**LIABILITIES IN CANADA.**
*Under policies issued previous to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted.....	\$5,900 00
Amount of reserve on all outstanding policies in Canada.....	No return.
<b>Total net liabilities to said policy holders in Canada.....</b>	<b>No return.</b>

*Under policies issued subsequent to 31st March, 1878.*

Amount of claim on policies in Canada, unsettled but not resisted.....	\$5,000 00
Net reserve on all outstanding policies in Canada.....	No return.
<b>Total net liabilities to said policy-holders in Canada.....</b>	<b>No return.</b>



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**RELIANCE MUTUAL LIFE—Continued.**
**MISCELLANEOUS.**

Number of policies become claims in Canada during the year.....	8	
Amount of said policies.....		\$17,400 00
Number of policies in force in Canada at date.....	337	
Amount of said policies .....		\$483,462 77
Amount of said policies re-insured in other licensed companies in Canada .....		<u>10,000 00</u>
Net amount of policies in force in Canada, 31st January, 1883.....		<u>473,462 77</u>

**Number and amount of policies terminated during the year in Canada:—**

	No.	Amount.
1. By death .....	8	\$17,400 00
2. By expiry.....	1	3,000 00
3. By surrender.....	9	18,000 00
(For which cash value has been paid, \$618.25.)		
4. By surrender, \$7,000. (For which paid up policies have been granted to amount of \$454.)		
Difference of amounts carried out.....		6,546 00
5. By lapse .....	18	29,250 00
6. Policies lapsed in part, decreasing liability.....		2,450 00
<b>Total.....</b>	<b>36</b>	<b>\$76,646 00</b>

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Policies in force at beginning of year.....	362	\$535,850 77
Policies revived during the year, 9 for \$23,933.33, and 2 paid-up policies for \$325.00.....	11	24,258 00
Policies terminated as above.....	36	76,646 00
Gross policies in force at date of statement.....	337	483,462 77

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Number of insured lives—No Return.

Subscribed and sworn to, 24th April, 1883, by

J. CASSIE HATTON.

(Received, 25th April, 1883.)

**GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.**

(Abstracted from Directors' Report, London, Eng., 30th April, 1883.)

During the year 415 new policies were issued, assuring £282,040, and producing in premiums £9,601 7s. 5d.

The annual net premium income was £80,858 9s. 11d., and the total revenue, including dividends and interest upon investments, was £103,903 7s. 4d.

The Accumulated Premium Fund received an addition during the year of £18,219 19s. 5d., raising it to £555,958 14s. 7d.

The claims by death, and under Endowment Policies matured, amounted to £59,611 13s., a sum within the expectation according to the calculated mortality.

RELIANCE MUTUAL.—*Continued.*

The end of another quinquennial period having been reached on the 31st December last, a strict and careful valuation of the Society's assets and liabilities has been made.

The total net liability under the whole of the Society's assurance and annuity contracts, after applying in the valuation the Institute of Actuaries H.M. Table of mortality for assurances, and Mr. A. G. Finlaison's table (1860) for annuities, and valuing the net premiums only, is £472,085. The assets, after a strict examination, and the writing off of all bad and doubtful debts, amount, as has been stated, to £555,958 14s. 7d. A surplus exists therefore, beyond the Society's requirements of £83,873, of which two-thirds is available for distribution amongst the participating members.

The value of the "loading" reserved for future expenses and profits amounts to £294,369, and this sum forms an important additional security to the policy-holders beyond the Accumulated Premium Fund.

FIRST SCHEDULE.

*Revenue Account for the year ending 31st December, 1882.*

	£	s.	d.
Amount of funds at the beginning of the year.....	537,738	15	2
Premiums—Less amount paid in respect of re-assurance (£4,967 3s. 6d.)	80,858	9	11
Interest and dividends.....	22,994	17	5
Assignment fees.....	50	0	0
	103,903	7	4
	£641,642	2	6
	£	s.	d.
Claims with bonus additions.....	58,657	1	0
Endowment policies matured.....	954	12	0
Annuities.....	2,255	12	4
Surrendered policies matured.....	5,551	8	11
Bonus in reduction of premiums and in cash.....	494	5	6
Commission.....	3,922	9	4
Depreciation in securities written off.....	1,264	5	6
Expenses of management:—			
General expenses.....	£7,761	3	0
Branch offices and agency extension.....	4,704	8	1
Policy stamps.....	118	2	3
	12,583	13	4
Amount of funds at the end of year.....	555,958	14	7
	£641,642	2	6

SECOND SCHEDULE.

*(Balance Sheet on the 31st December, 1882.)*

LIABILITIES.

	£	s.	d.
Amount of funds as per first schedule.....	555,958	14	7
Claims not at maturity.....	22,449	13	0
Temporary loan from bankers.....	8,000	0	0
	£586,408	7	7
	£586,408	7	7

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 RELIANCE MUTUAL—*Concluded.*

## ASSETS.

	£	s.	d.
Mortgages on property within the United Kingdom.....	268,422	0	9
Loans on policies of full value.....	£45,493	19	1
Loans on policies with personal security.....	29,065	4	2
	74,559	3	3
Life interests in possession.....	£14,185	3	2
Reversionary life interests.....	110,779	15	3
Absolute and contingent reversions to fixed sums.....	18,888	14	6
	143,853	12	11
Proportionate interest accrued on advances.....	13,609	5	7
Agents' balances.....	3,220	8	5
Current premiums.....	15,157	15	4
Other investments:—			
British Government securities.....	22,885	15	1
London and St. Katherine's dock stock.....	1,590	0	0
House property, including furniture and fixtures, less leasehold redemption fund.....	36,087	6	4
Balances at Bankers.....	7,022	19	11
	£586,408	7	7

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 THE ROYAL INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—R. BROCKLEBANK. | Manager—JOHN H. McLAREN  
 Principal Office—Liverpool, England.  
 Agents in Canada— | Head Office in Canada—  
 M. H. GAULT & WM. TATLEY. | Montreal.  
 (Organized or Incorporated, 31st May, 1845. Commenced business in Canada, 1848.)

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 (For Capital, see Fire Statement.)
 

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Amount of premiums received in cash during the year on life policies  
 in Canada..... \$22,645 72

Amount paid during the year on claims in Canada, viz. :—

On account of death claims.....	\$20,145 42
do      matured endowments.....	973 34
Net amount paid on account of claims.....	\$21,118 76
Amount paid to annuitants.....	714 23
Amount paid for surrendered policies.....	2,146 53
Total net amount paid to policy-holders in Canada.....	<u>\$23,979 57</u>

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 (For Assets in Canada, see Fire Statement.)
 

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## LIABILITIES IN CANADA.

*Under policies issued previous to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted.....	\$3,345 43
(Of which \$1,075 53 accrued in 1879.)	
Amount of reserve on all outstanding policies in Canada.....	No return.
Annuity bonds.....	No return.
Total net liabilities to said policy-holders in Canada.....	<u>No return.</u>

*Under policies issued subsequent to 31st March, 1878.*

Amount of reserve on all outstanding policies in Canada.....	No return.
Total net liabilities to said policy-holders in Canada.....	<u>No return.</u>
Total liabilities to all policy-holders in Canada.....	<u>\$300,000 00</u>

## ROYAL.—Continued.

## MISCELLANEOUS

Number of new policies reported during the year as taken in Canada.....	9	
Amount of said policies .....		\$16,900 00
Number of policies become claims in Canada during the year.....	6	
Amount of said claims.....		23,388 6
Number of policies in force at date.....	325	
Amount of said policies (inclusive of bonus additions) .....		953,143 44

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	5	\$22,415 32
2. By maturity.....	1	973 34
3. By surrender .....	4	6,945 00
(For which cash value has been paid, \$2,146.53.)		
4. By lapse.....	2	2,946 66
<b>Total.....</b>	<b>12</b>	<b>\$33,280 32</b>

Policies in force at beginning of year in Canada.....	328	\$969,523 76
Policies issued during the year .....	9	16,900 00
Policies terminated as above.....	12	33,280 32
Policies in force at date of statement .....	325	953,143 44

Number of insured lives at beginning of year in Canada.....	303
Number of new insurers during the year.....	9
Number of deaths during the year among insured.....	5
Number of insured whose policies have been terminated during the year otherwise than by death.....	7
Number of insured lives at date of statement.....	300

Subscribed and sworn to, 5th April, 1883, by

WM. TATLEY.

(Received 7th April, 1883.)

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1881.

(Abstracted from Directors' Report, Liverpool, England, 1882.)

LIFE DEPARTMENT.

During the year new proposals were accepted for £582,259, of which £521,742 has been completed, and the corresponding annual premiums obtained to the closing of the accounts were £18,215 2s. 7d. The total income from premiums, after deducting re-assurances, amounted to £250,181 5s., and the interest received from investments, exclusive of that on the annuity funds, was £101,400 1s. 3d. The claims during the year were—By death: Original sums assured, £145,542 19s. 1d.; bonus additions thereon, £19,242 6s. 8d. By matured policies (including children's endowments): Original sums assured, £7,188 2s. 5d.; bonus additions thereon, £727 10s. 6d. Total, £172,700 18s. 8d. In the annuity branch the purchase money received for new annuities, together with the premiums on contingent annuities, amounted to

ROYAL—*Concluded.*

£27,533 1s. 4d., and the interest to £9,116 15s. 5d. Twenty-nine annuities have expired during the year, the annual payments on which amounted to £1,183 5s. 3d. After payment of all claims, annuities, bonuses in cash, and expenses of every description, a balance of £144,111 2s. 1d. has been added to the life funds, making the total accumulations of the life and annuity branches of the Company, £2,737,858 9s. 11d.

*Revenue Accounts for the Year ending 31st December, 1881.*

## LIFE ASSURANCE ACCOUNT.

Amount of life assurance fund at the beginning of the year.....	£2,379,235	8	9
Premiums after deduction of re-assurance premiums.....	250,181	5	0
Interest.....	101,400	1	3
	<u>£2,730,816</u>	<u>15</u>	<u>0</u>

Claims under life policies, including reversionary bonuses, after deduction of sums reassured.....	£ 172,700	18	8
Surrenders.....	17,410	18	4
Bonuses in cash and in reduction of premiums.....	3,560	8	8
Commission.....	11,279	19	1
Expenses of management.....	15,026	8	10
Amount of life assurance fund at the end of the year, as per balance sheet.....	2,510,838	1	5
	<u>£2,730,816</u>	<u>15</u>	<u>0</u>

## ANNUITY ACCOUNT.

Amount of annuity fund at the beginning of the year.....	£214,511	19	1
Consideration for annuities granted.....	27,533	1	4
Interest.....	9,116	15	5
	<u>£231,161</u>	<u>15</u>	<u>10</u>

Annuities.....	£23,301	17	0
Commission.....	442	8	0
Expenses of management.....	397	2	4
Amount of annuity fund at the end of the year, as per balance sheet.....	227,020	8	6
	<u>£251,161</u>	<u>15</u>	<u>10</u>

(For Balance Sheet, see Fire Statement.)

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 THE SCOTTISH AMICABLE LIFE ASSURANCE SOCIETY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Manager—THOMAS MARR:

Secretary—WILLIAM G. SPENS.

Principal Office—Glasgow.

Agent in Canada—G. W. FORD.

Head Office in Canada—Montreal.

(Founded at Glasgow, 1st January, 1826. Commenced business in Canada, 1846.)

## A PURELY MUTUAL SOCIETY.

Amount of premiums received in cash during the year on life policies in Canada.....	\$15,258.70
<hr/>	
Amount paid on account of death claims.....	\$21,922 62
(Of this amount \$9,782.01 accrued in 1881.)	
Amount paid for surrendered policies ( <i>ex gratia</i> ).....	19 46
Amount paid for dividends or bonuses to policy-holders.....	49 17
<hr/>	
Total net amount paid to policy-holders in Canada.....	\$21,991 25

## ASSETS IN CANADA.

Canada Atlantic Railway (Province of Ontario Railway Subsidy Fund)	
Certificates in deposit with Receiver-General, face value \$197,265.60, present value at 4½ per cent. interest.....	\$134,626 80
Cash in deposit with Receiver-General.....	16,285 00
Mortgages on real estate in Canada.....	6,083 33
Cash on hand and in banks in Canada.....	1,515 52
<hr/>	
Total assets in Canada.....	\$158,510 65

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted.....	\$48,666 66
Amount estimated to cover the net reserve on all outstanding policies in Canada.....	No Return.
<hr/>	
Total liabilities in Canada.....	No Return.

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	6	
Amount of said claims.....		\$ 61,139 15
Number of policies in force in Canada at date.....	193	
Amount of said policies (including \$17,464.17 of bonus additions).....		478,273 51

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
(1.) By death (including bonus additions).....	6	\$61,139 15
(2.) By lapse.....	1	1,460 60
(For which cash value has been paid, \$19.46.)		
<hr/>		
Total.....	7	\$62,599 15

## SCOTTISH AMICABLE LIFE—Continued.

	No.	Amount.
Policies in force at beginning of year (including bonus additions, \$16,680.16).....	200	\$540,872 66
Policies terminated.....	7	62,599 15
Policies in force at date of statement (including \$17,464.17 bonus additions).....	193	478,273 51

Number of insured lives..... No Return.

Subscribed and sworn to, 20th March, 1883, by

GEORGE W. FORD.

(Received, 21st March, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

(Abstracted from Directors' Report, Glasgow 3rd May, 1883.)

772 policies were issued and taken up, assuring the capital sum of £508,594; the new premiums on which— including £9,979, 17s. 9d. of single payments—amounted to £23,818 14s. 9d. In addition to this, the sum of £2,825 1s. 7d. was received for annuities granted during the year.

The number of deaths in 1882 was 220, and the consequent claims, including bonus additions, and after deducting re-assurances, amounted to £163,197 12s. 5d.

The Society has also paid the sum of £5,530 under policies which became claims by survivorship.

By the deaths of 20 annuitants the Society has been relieved of payments amounting to £700 11s. 4d. per annum.

The gross accumulated and invested funds amounted at 31st December last to £2,465,905 15s. 3d., the net to £2,405,650 9s. 2d., and the annual income to £305,204, 2s. 8d.

The total assurances on the Society's books at 31st December last, amounted to £7,683,194, 16s. 3d. under 14,186 policies.

## REVENUE ACCOUNT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

("First Schedule" lodged with the Board of Trade, pursuant to "The Life Assurance Companies Act, 1870.")

Amount of funds at beginning of the year, as per last published report.....	£2,315,721	7	1
Premiums (after deduction of re-assurances).....	197,353	8	11
Consideration for annuities granted.....	2,825	1	7
Interest and dividends .....	£100,035	8	10
Rents of property .....	5,277	0	8
		105,312	9 6
Office fees.....		80	5 0
		<u>£2,621,292</u>	<u>12 1</u>



## SCOTTISH AMICABLE LIFE—Continued.

## Claims under policies (after deduction of sums re-assured)—

By death .....	£163,197 12 5		
By survivance .....	5,530 0 0		
		£168,727 12 5	
Surrenders .....		8,591 1 5	
Bonuses paid in cash .....		1,181 15 1	
Annuities .....		6,631 3 4	
Commission .....		5,790 18 10	
Expenses of management, including rents of offices belonging to and occupied by the Society, and investigation expenses .....		17,669 5 10	
Income tax .....		2,050 6 0	
Net amount of funds at the end of the year, as per Second Schedule.		2,405,650 9 2	
		<u>£2,621,292 12 1</u>	

## BALANCE SHEET ON THE 31ST DECEMBER, 1882.

("Second Schedule" lodged with the Board of Trade, pursuant to "The Life Assurance Companies Act, 1870.")

## LIABILITIES.

Assurance and Annuity fund .....	£2,296,650 9 2
Guarantee fund .....	100,000 0 0
Suspense account .....	9,000 0 0
Net funds as per First Schedule .....	£2,405,650 9 2
Claims under policies admitted or intimated, but not paid (after deduction of sums re-assured) .....	58,227 19 4
Premiums and interest paid .....	734 7 9
Annuities due .....	152 13 4
Bills payable .....	1,140 5 8
	<u>£2,465,905 15 3</u>

## ASSETS.

## Mortgages:—

On property in the United Kingdom .....	£996,700 18 3
On property out of United Kingdom .....	1,250 0 0

## Loans:—

On the Society's policies .....	171,583 18 3
On life-rents .....	20,575 1 0
On reversions .....	3,995 0 0
Under Drainage and Public Health Acts .....	4,116 15 0
On personal security .....	(NIL)

## Investments:—

Reversions purchased .....	16,328 6 8
Life interests purchased .....	380 0 0
Indian Government securities .....	61,697 16 5
Colonial Government securities .....	4,998 13 1



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 THE SCOTTISH PROVIDENT INSTITUTION.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*Manager*—JAMES WATSON.*Secretaries*—

JAS. S. MORTON and JAS. G. WATSON.

*Principal Office*—

6 St. Andrew Square, Edinburgh.

(Organized in 1837. Incorporated by special Act of Parliament in 1848.)

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 Gross amount of premiums received in cash on life policies in Canada... \$4,871 72

Amount paid during the year on claims in Canada:—

On account of death claims.....	\$2,311 67
(Of this amount, \$351 67 accrued in previous years.)	
On account of matured endowments.....	<u>486 67</u>

Net amount paid on account of claims ..... \$2,798 34

## ASSETS IN CANADA.

Canadian Pacific Railway Bonds in deposit with Receiver-General, par value .....	\$100,000 00
Mortgages on real estate in Canada.....	5,840 00
Canadian Municipal debentures.....	<u>82,931 97</u>
Total assets in Canada.....	<u>\$188,771 97</u>

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted....	\$1,216 67
*Amount computed to cover the net reserve on all outstanding policies in Canada .....	\$74,224 73
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent.....	\$981 30
Deduct loans on policies.....	<u>3,382 33</u>
	<u>4,363 63</u>
Difference carried out.....	<u>69,861 10</u>
Total net liability to policy-holders in Canada.....	<u>\$71,077 77</u>

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	5	
Amount of said claims.....		\$3,163 34
Number of policies in force in Canada at date.....	99	
Amount of said policies (including bonus additions, \$5,611.27).....		<u>220,975 87</u>

\*By strict actuarial computation, based on the H. M. Table, at 4 p. c. interest.

SCOTTISH PROVIDENT—*Continued.*

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	4	\$2,676 67
2. By maturity.....	1	186 67
Total.....	5	\$3,163 34

Policies in force at beginning of year in Canada (including bonus additions, \$1,168.00).....	104	\$219,695 93
Terminated as above.....	5	3,163 34
Policies in force at date of statement (including bonus additions, \$5,611.27).....	99	

Number of lives insured—No Return.

Edinburgh, 9th January, 1883.

JAMES WATSON,  
*Manager.*

(Received, 30th January, 1883.)

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*Abstracted from Directors' Report, 1883.*

During the year the Directors have accepted 1,724 proposals for assurances amounting to £1,031,965 10s. The new premiums were £40,402 9s. 7d., of which £7,430 10s. 2d. by single payment; and a further sum of £11,063 2s. 5d. was received as the price of annuities. Proposals, 168 in number, for £88,957 10s., were declined.

The number of deaths in the year was 296—the claims, under 388 policies, being £228,973 15s., inclusive of bonus additions. Endowment assurances, amounting to £6,239 19s. have matured, thus making the whole claim £235,213 14s. On the other hand, annuities to the yearly amount of £659 10s. have ceased by the death of the annuitants.

The premiums of all kinds received in the year were £425,892 19s. 9d.; or, deducting premiums paid for re-assurances, £423,724 12s. 2d. The total receipts of the year, including interest, were £601,072 9s. 7d.

The assurances remaining in force at the close of the year were £15,348,929 7s. 7d.

The realized funds have increased in the year by £307,797 15s. 5d. Their amount at the close of the year 1882 was £4,509,728 11s. 9d.

The funds are invested as follows:—

Loans on heritable securities and mortgages.....	£3,135,706	0	8
Loans and municipal rates and preference and other stocks.....	85,531	18	1
Loans on security of Trust funds.....	27,946	13	3
Loans to members on policies—within their value.....	292,552	9	2
Loans on personal security, with policies of assurance.....	17,650	0	0
Indian and Colonial securities.....	112,781	4	4

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 SCOTTISH PROVIDENT—*Concluded.*

Railway and other debentures.....	£100,300	0	0
Railway debenture and preference stocks (stated only at cost price)	393,824	9	10
Value of reversions.....	21,219	10	0
Business premises in Edinburgh and branches and property in connection therewith.....	202,030	18	5
Office furniture, &c., at head office and branches.....	2,041	12	3
Current premiums and interest in course of collection at head office and agencies.....	75,929	13	0
<b>Bank account—</b>			
On deposit.....	£30,000	0	0
Balances on current account.....	11,700	4	0
		<u>41,700</u>	<u>4</u> 0
Cash and stamps on hand.....		513	18 9
			<u>9</u>
<b>Total .....</b>	<b>£4,509,728</b>	<b>11</b>	<b>9</b>

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 THE SCOTTISH PROVINCIAL ASSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST JANUARY, 1883.

Chairman—JOHN WEBSTER, of Edgehill.

Secretary—CHARLES GORDON.

Manager—THOMAS YUILLE WARDROP.

Principal Office—Aberdeen.

Agent in Canada—

GEORGE W. FORD.

Head Office in Canada—

99 St. James St., Montreal.

(Established, December, 1825. Incorporated May, 1852. Commenced business in  
Canada, March, 1859. Ceased to do new business in Canada, January, 1875.)

## CAPITAL.

Amount of capital authorized and subscribed for.....	\$4,866,666 67
Amount paid up in cash .....	<u>292,000 00</u>

Gross amount of premiums received in cash during the year on life policies in Canada .....	\$26,650 18
Deduct amount paid for premiums on policies re-insured in other licensed companies in Canada. ....	<u>72 42</u>

Total net premium income .....	<u>\$26,577 76</u>
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Amount paid during the year on account of claims in Canada, viz. :—

On account of death claims (including bonuses) .....	\$20,869 61
On account of matured endowments .....	<u>973 33</u>

Net amount paid on account of claims.....	\$21,842 94
(Of the death claims \$18,964.31 were on account of claims accrued in the previous year.)	

Amount paid for surrendered policies.....	631 15
Amount paid for dividends or bonuses to policy-holders.....	<u>2,715 25</u>

Total net amount paid to policy-holders in Canada .....	<u>\$25,189 34</u>
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## ASSETS IN CANADA.

Canada Stock.....	\$12,000 00
Canada 5 per cent. debentures.....	38,447 00
Queensland bonds .....	<u>97,333 00</u>

Total in deposit with Receiver-General carried out at par value.....	\$147,780 00
Montreal Waterworks bonds.....	4,000 00
Cash on hand and in banks.....	<u>6,376 42</u>

Total assets in Canada.....	<u>\$158,156 42</u>
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## SCOTTISH PROVINCIAL—Continued.

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted (including bonuses).....	\$12,693 74
Net reserve on all outstanding policies in Canada.....	No return.
Deduct loans on Company's policies within their surrender value.....	17,204 76
<b>Total liabilities in Canada.....</b>	<b>No Return.</b>

## MISCELLANEOUS.

Number of policies become claims in Canada during the year.....	8	
Amount of said claims.....		\$14,883 73
Number of policies in force in Canada at date.....	523	
Amount of said policies.....		\$925,473 30
Deduct amount re-insured in other licensed companies in Canada.....		2,482 73
<b>Net amount in force 31st January, 1883 (including bonus additions)</b>		<b>922,990 57</b>

## Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	7	\$13,910 40
2. By maturity.....	1	973 33
3. By surrender.....	3	4,043 20
(For which cash value has been paid \$631.15.)		
4. By surrender \$1,583.49.		
(For which paid up policies have been granted to amount of \$379.84.)		
Difference of amounts carried out.....		1,203 65
<b>Total.....</b>	<b>11</b>	<b>\$20,130 58</b>

Policies in force at beginning of year.....	534	\$951,080 57
Policies terminated as above.....	11	20,130 58
Bonuses surrendered.....		5,663 17
*Gross policies in force at date of statement (including bonus additions).....	523	925,473 30

Number of insured lives.—No Return.

Subscribed and sworn to, 30th March, 1883, by

GEO. WM. FORD.

(Received 5th April, 1883.)

\*The difference is caused by intermediate bonuses which have not been added to accounts of policies.

## SCOTTISH PROVINCIAL—Continued.

GENERAL BUSINESS FOR THE YEAR ENDING 31ST JANUARY, 1883.

*(Abstracted from Directors' Report, Aberdeen, 12th April, 1883.)*

## LIFE DEPARTMENT.

655 proposals, representing £288,425, were submitted. From these 578 policies have been issued, assuring £240,250, and yielding in annual premiums £7,395 and £249 5s. 7d. of single premiums.

The life claims paid, including those admitted and reported, but not yet matured, and in some cases not yet proved, represent £87,462 2s. 7d. This includes the sum of £4,206 3s. 9d. under endowment policies, which during the year have arrived at maturity.

## ANNUITY DEPARTMENT.

The sum of £1,180 9s. 3d. has been received, and for which annuities to the amount of £117 16s. 2d. have been granted; also annual premiums of £71 10s. 9d. for contingent annuities, part of which annuities is re-insured. During the year twelve annuities have lapsed by death, relieving the Company of the sum of £302 8s. 10d. yearly.

## FUNDS.

The total assets of the Company now amount to £1,461,008 18s. 2d., being an increase of £50,113 11s. 6d. over last year.

## INCOME.

The income for the year, including interest, is £231,309 10s. 10d., an increase of £2,989 2s. 4d. in addition to £249 5s. 7d. of single premiums.

## INVESTMENTS

The value of the debentures, preference, guaranteed, and debenture stocks, and of the Indian and Colonial securities, taken at the market price of the day (31st January, 1883), continues to show a large surplus above the value at which these securities stand in the books and balance sheet. The surplus exceeds £95,000.

## PROFIT AND LOSS.

The balance at credit of this account, after paying the half year's dividend of £6,000 in November last, amounts to..... £18,461 5 11

The Directors propose to deal with this sum as follows:—

Agents' balances irrecoverable.....	£	23	18	2
Dividend at the rate of 20 per cent. for last year (of which one-half was paid in November), leaving the balance, 10 per cent., now to be paid.....		6,000	0	0
To carry to the Fire reserve fund.....		5,000	0	0
Leaving a balance to be carried forward of.....		7,437	7	9

£18,461 5 11



## SCOTTISH PROVINCIAL—Continued.

## REVENUE ACCOUNTS.

*Life Assurance Account.*

I.—PARTICIPATION BRANCH.			I.—PARTICIPATION BRANCH.		
	£	s. d.		£	s. d.
1882.			Claims under policies, after deduction of sums re-assured:—		
Jan. 31.—Amount of this fund at the beginning of the year.....	1,012,182	16 3	By death .....	£73,512	9 7
Transferred from General Reserve Fund by order of annual meeting.....	20,000	0 0	Matured endowments .....	2,306	3 9
				75,818	13 4
1883.			Surrenders of policies.....	8,920	5 1
Jan. 31.—Premiums after deduction of re-assurance premiums .....	114,062	16 6	Surrenders of bonuses.....	7,433	14 0
Interest and dividends.....	42,291	10 6	Commission .....	5,754	11 6
			Expenses of management.....	11,692	17 7
			1883.		
			Jan. 31.—Amount of this fund at the end of the year, as per balance sheet.....	1,078,917	1 9
				£1,188,537	3 3
			II.—NON-PARTICIPATION BRANCH.	£	s. d.
			Transferred to general profit and loss, by order of annual meeting .....	5,812	15 6
			Claims under policies, after deduction of sums re-assured:—		
			By death .....	£9,743	9 3
			Matured endowments .....	1,900	0 0
				11,643	9 3
			Surrenders of policies.....	1,036	4 11
			Commission .....	734	4 2
			Expenses of management.....	2,227	17 8
			1883.		
			Jan. 31.—Amount of this fund at the end of the year, as per balance sheet.....	143,282	19 4
				£164,737	10 10
			III.—ANNUITY FUND.		
			Transferred to general profit and loss, by order of annual meeting .....	£2,582	0 0
			Payments to annuitants.....	3,936	2 7
			Commission .....	6	9 6
			1883.		
			Jan. 31.—Amount of this fund at the end of the year, as per balance sheet.....	34,291	7 6
				£40,815	19 7

## SCOTTISH PROVINCIAL—Continued.

## Profit and Loss Account.

1882.		£	s.	d.	1882.	£		s.	d.
Jan. 31. Balance on last year's account .....		36,144	2	0	Jan. 31. To credit of General Reserve Fund..	£10,000	0	0	
1883.					To fire reserve fund...	5,000	0	0	
Jan. 31. Interest and dividends not carried to other accounts	£7,508	4	7		To dividend and bonus, May .....	19,500	0	0	
Profit on fire account .....	7,458	5	3		To agents' balances irrecoverable.....	107	18	8	
		14,966	9	10		£34,607	18	8	
Other receipts—					To half-year's dividend November .....	6,000	0	0	
Transfer and assignment fees.....		85	17	6	To income tax on fire profits .....	311	1	8	
Bad debts recovered .....		47	16	5	Loss on exchange .....	2	10	3	
Profit on Investments realized....		93	12	3	Loss on investments realized .....	349	17	0	
Surplus on non-participation fund transferred by order of annual meeting .....	5,812	15	6						
Surplus on annuity fund...ditto...	2,582	0	0		1883.				
					Jan. 31. Balance on this account, as per balance sheet .....	18,461	5	11	
						£59,732	13	6	
						£59,732	13	6	

SCOTTISH PROVINCIAL.—Concluded.  
Balance Sheet for the year ending 31st January, 1883.

	£	s.	d.	£	s.	d.
<b>LIABILITIES.</b>						
Shareholders' capital.....	60,000	0	0			
General Reserve Fund.....	£35,700	0	0			
Transferred to Participation Life Fund.....	20,000	0	0			
Added from General Profit and Loss.....	£15,000	0	0			
Participation Life Fund.....	10,000	0	0			
Bonus Fund.....	£794,134	19	2			
Non-Participation Life Fund.....	£1,078,917	1	9			
Annuity Fund.....	143,282	19	4			
Fire Reserve Fund, 31st January, 1882.....	£40,000	0	0			
From General Profit and Loss.....	5,000	0	0			
Fire Premiums reserved on account of unexpired risks.....	£45,000	0	0			
Balance of Trust Fund in hands of Company.....	10,233	2	3			
General profit and loss.....						
	£1,415,729	2	4			
Claims under life policies, admitted but not yet paid.....	£40,411	12	4			
Outstanding fire claims.....	3,087	18	2			
Unclaimed dividends.....	831	4	4			
Annuities outstanding.....	49	1	0			
	£45,379	15	10			
<b>ASSETS.</b>						
Mortgages on property within the United Kingdom.....	£399,230	6	7			
Loans on the Company's policies, within their surrender value.....	78,772	15	2			
Investments—						
Indian Government securities.....	£37,776	6	5			
Canadian do.....	10,268	10	7			
Victoria do.....	41,625	0	0			
New South Wales do.....	15,000	0	0			
New Zealand do.....	34,156	1	8			
Cape of Good Hope Government securities.....	46,421	3	2			
Queensland do.....	18,355	0	0			
Railways (English and Scottish) and other debentures.....	£110,084	10	0			
Railways (English) debenture stocks.....	115,022	18	5			
do do Preference st'cks.....	£201,656	15	7			
do do Guaranteed and leased lines.....	149,772	17	9			
Deposits in chart red banks for fixed periods.....	£51,369	13	4			
Company's buildings—Property in Aberdeen, Dublin and London.....	73,000	0	0			
Reversions.....	9,000	0	0			
Loans on reversions and life interests.....	11,563	2	2			
Ferndites and ground rents, capitalized value.....	31,905	15	0			
Loans secured on public rates under Act of Parliament.....	44,634	11	9			
Half-credit premiums due on life policies.....	17,727	18	7			
Loans on the Company's policies, with personal security.....	6,292	0	7			
Branches, agents and Insurance Companies (principally premiums due in January, and since accounted for).....	140	0	0			
Outstanding premiums due in Aberdeen do.....	53,054	11	7			
Outstanding interests (most of them since paid up).....	1,121	16	1			
Interest on investments accrued, but not yet payable.....	2,101	1	3			
Bills receivable (Remittance not yet due).....	16,239	2	9			
Cash at bankers on deposit.....	17	0	0			
do on current account at Head office and branches.....	£15,500	0	0			
Cash in hand.....	18,508	5	7			
Stamps in hand.....	16	10	8			
	£1,461,008	18	2			

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 THE STANDARD LIFE ASSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 15TH NOVEMBER, 1882.

Manager—SPENCER C. THOMSON. | Secretary—D. CLUNIE GREGOR.

Principal Office—Edinburgh.

Agent in Canada—W. M. RAMSAY. | Head Office in Canada—Montreal.

(Organized or Incorporated, 1825. Commenced business in Canada, 1847.)

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 CAPITAL.

 Amount of capital authorized and subscribed for, £500,000 sterling.....\$2,433,333 33  
 Amount paid up in cash, £120,000 sterling..... 584,000 00


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Gross amount of premiums received in cash during the year on life policies in Canada .....	\$234,365 39	
Gross amount of notes, loans or liens taken during the year in payment of premiums in Canada .....	2,740 85	
Consideration for annuities granted .....	598 00	
	<u>\$237,704 24</u>	
Deduct amount paid for premiums on policies re-insured in other licensed Companies in Canada .....	1,191 62	
Total net premium income.....		<u>\$236,512 62</u>

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 Amount paid during the year on claims in Canada, viz.:—

On account of death claims (including bonuses, \$13,478.84).....	\$69,374 81	
(Of this amount \$11,514 53 accrued in 1881.)		
On account of matured endowments .....	4,866 66	
	<u>94,241 47</u>	
Net amount paid on account of claims .....		94,241 47
Amount paid to annuitants.....		452 00
Amount paid for surrendered policies.....		5,174 59
Amount paid for dividends or bonuses to policy-holders.....		6,998 88
		<u>106,866 94</u>
Total net amount paid to policy-holders in Canada.. .....		<u>\$106,866 94</u>

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 ASSETS IN CANADA.

Bonds in deposit with Receiver-General:—

Montreal Harbor bonds—par .....	\$107,000 00
do Corporation .....	34,000 00
County Compton .....	30,000 00
	<u>\$171,000 00</u>

Carried out at par value..... \$171,000 00

## STANDARD LIFE—Continued.

Other Canadian investments, viz.:—

Municipal debentures.....	480,689 83
Mortgages on real estate in Canada.....	700,141 67
Real estate in Canada owned.....	83,000 00
Montreal Warehousing Company's bonds.....	73,000 00
Cash in hand and in banks in Canada.....	70,151 74
<b>Total assets in Canada.....</b>	<b>\$1,577,988 24</b>

## LIABILITIES IN CANADA.

*Under policies issued previous to 31st March, 1878.*

Amount of claims on policies in Canada unsettled but not resisted, including bonuses, \$3,090.93.....	\$18,420 94
Amount computed or estimated to cover the net reserve on all outstanding policies in Canada, (including bonuses, \$512,070.95).....	\$955,830 87
Deduct same on above policies re-insured in other licensed Companies in Canada.....	\$ 5,295 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent. ....	45,014 10
Loans on policies within their surrender value.....	91,108 87
Credit debts on policies.....	27,081 16
	<u>168,499 13</u>
Difference carried out.....	787,331 74
<b>Total net liabilities to said policy-holders in Canada.....</b>	<b>\$805,752 68</b>

## LIABILITIES IN CANADA.

*Under policies issued subsequent to 31st March, 1878*

Amount of claims on policies in Canada unsettled but not resisted.....	\$ 8,500 00
Net reserve on all outstanding policies in Canada.....	\$157,613 95
Deduct amount of deferred and outstanding premiums, less cost of collection at ten per cent.....	\$53,500 51
Loans on policies within their surrender value.....	522 57
Credit debts on policies.....	4,753 40
	<u>58,776 48</u>
Difference carried out.....	98,837 47
<b>Total net liabilities to said policy-holders in Canada.....</b>	<b>\$107,337 47</b>
<b>Total net liabilities to all policy-holders in Canada.....</b>	<b>\$913,090 15</b>

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	569
Amount of said policies.....	\$1,359,046 68
Number of policies become claims in Canada during the year.....	43
Amount of said claims (including bonus additions, \$15,570 89).....	109,617 88
Number of policies in force in Canada at date.....	3,647
Amount of said policies (including bonuses, \$512,070 94).....	\$7,783,048 97
Amount of said policies re-insured in other licensed companies in Canada.....	25,350 00
<b>Net amount of policies in force in Canada at 15th November, 1882.....</b>	<b>\$7,757,698 97</b>

## STANDARD LIFE.—Continued.

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death (including bonus additions, \$15,570.89).....	41	\$104,751 22
2. By maturity.....	2	4,866 66
3. By surrender (including bonus additions, \$2,680.44).....	38	68,153 76
(For which cash value has been paid, \$5,174.59)		
4. By surrender, \$22,755.06 (including bonus additions, \$1,061.74.)		
(For which paid-up policies have been granted to amount of \$4,802.93.)		
Difference of amounts carried out.....		17,952 13
5. By lapse (including bonus additions, \$4,650.47) .....	132	270,910 47
Total.....	<u>213</u>	<u>\$466,634 24</u>

Policies in force at the beginning of year (including bonus additions \$539,915.47).....	3,289	\$6,895,364 18
Renewed during the year and bonuses vested.....	2	15,954 53
Policies issued during the year.....	569	1,359,046 68
Policies terminated as above.....	213	466,634 24
Policies reduced and bonuses cashed.....		20,682 18
Policies in force at date of statement.....	3,647	7,783,018 97

No return of insured lives.

*Detail of policies issued since 31st March, 1878, and Bonus additions thereon.*

Policies in force at beginning of year in Canada .....	1,272	\$2,692,440 01
Policies issued during the year .....	569	1,359,046 68
Policies terminated as above.....	130	270,723 34
Policies reduced.....		3,500 00
Policies in force at date of statement.....	1,711	3,777,263 35

Subscribed and sworn to, 29th March, 1883, by

W. M. RAMSAY.

(Received, 30th March, 1883.)

## GENERAL BUSINESS FOR THE YEAR ENDING 15TH NOVEMBER, 1882.

*(Abstracted from Directors' Report, Edinburgh, May, 1883.)*

Amount proposed for assurance during the year 1882 (3,038 proposals), £2,004,264 4s. 5d.; amount of assurances accepted during the year 1882 (2,561 policies), £1,487,475 12s. 10d.; annual premiums on new policies during the year 1882, £51,123 17s. 1d.; claims by death during the year 1882, inclusive of bonus additions, £505,936 19s. 5d.; amount of assurances accepted during the last five years, £6,578,231 12s. 11d.; subsisting assurances at 15th November, 1882 (of which £1,593,088 11s. 10d. is re-assured with other offices), £20,329,377 6s. 3d.; invested funds, £6,078,784 3s. 10d.; annual revenue, £876,893 4s. 4d.

STANDARD LIFE—*Continued.*

## REVENUE ACCOUNT.

	£	s.	d.
Amount of funds at the beginning of the year, 16th November, 1881	5,651,457	2	8
Premiums (after deduction of re-assurance premiums).....	619,552	4	3
Consideration for annuities granted.....	22,871	0	3
Interest and dividends.....	256,001	3	0
Fines and fees.....	1,339	17	1
	<u>£6,551,221</u>	<u>7</u>	<u>3</u>

	£	s.	d.
Claims under life policies, including bonus additions (after deduction of sums re-assured).....	507,464	19	9
Surrenders.....	45,769	16	6
Annuities.....	41,956	13	7
Commission.....	28,996	5	11
Expenses of management.....	64,540	19	6
Dividend and bonus to shareholders.....	25,000	0	0
Income tax.....	4,610	1	4
Amount of funds at the end of the year, as per second schedule.....	5,832,882	10	8
	<u>£6,551,221</u>	<u>7</u>	<u>3</u>

## BALANCE SHEET.

*Liabilities.*

	£	s.	d.
Shareholders' capital paid up.....	120,000	0	0
Assurance and annuity fund.....	5,703,206	2	9
Balances brought forward from last investigation (1880).....	9,676	7	11
Total funds as per first schedule.....	£5,832,882	10	8
Claims under policies admitted but not matured*.....	234,900	17	2
Dividends to proprietors outstanding* †.....	11,000	16	0
	<u>£6,078,784</u>	<u>3</u>	<u>10</u>

## ASSETS.

	£	s.	d.
Mortgages on property within the United Kingdom.....	4,017,524	10	6
Mortgages on property out of the United Kingdom.....	282,231	1	2
Loans on the Company's policies within their surrender value.....	301,422	12	9
Investments:—			
British Government securities.....	38,217	17	7
Indian and Colonial Government securities.....	376,227	10	3
United States Government securities.....	5,442	5	5
Railway and other debentures.....	44,060	0	0
House property:—			
Freehold.....	£151,006	17	8
Leasehold.....	28,512	18	2
	<u>179,519</u>	<u>15</u>	<u>10</u>

\* These items are included in the corresponding items in the first schedule.

† Dividends payable on 15th November.

STANDARD LIFE—*Concluded.*

Stocks of Scottish Chartered Banks.....	92,388	4	4
Feu-duties.....	17,434	15	10
Reversions.....	27,969	8	9
Life rents purchased.....	1,122	2	11
Loans upon personal security with policies of assurance, repayable by instalments.....	78,903	3	5
Agents' balances in course of collection (since accounted for).....	176,838	12	4
Outstanding premiums.....	79,015	15	8
Interest accrued but not due.....	39,103	19	7
Interest due but not paid.....	13,365	4	9
Cash:—			
On deposit.....	£192,166	10	2
In hand and on current account.....	115,494	17	5
	<hr/>	307,661	7 7
Deed and receipt stamps on hand.....		335	15 2
		<hr/>	
		£6,078,784	3 10
		<hr/>	
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 THE STAR LIFE ASSURANCE SOCIETY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

Chairman—Sir. WM. McARTHUR, M.P. | Secretary—WM. W. BAYNES, F.I.A

Principal Office—32 Moorgate St., London, England.

 Agent in Canada—  
A. W. LAUDER.

 Head Office in Canada—  
72 Yonge St., Toronto.

(Organized or incorporated, 1843. Commenced business in Canada, 6th Nov., 1868.)

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 CAPITAL.

Amount of capital authorized and subscribed for, £100,000 stg.....	\$486,666 67
Amount paid up in cash, £5,000 stg.....	<u>24,333 33</u>

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Amount of premiums received in cash during the year on life policies in Canada.....	<u>\$23,334 07</u>
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Amount paid during the year for surrendered policies.....	<u>\$386 80</u>
Total net amount paid to policy-holders in Canada.....	<u>\$386 80</u>

## ASSETS IN CANADA.

Canada 4 p.c. stock in deposit with Receiver-General.....	\$ 97,333 33
Mortgages on real estate in Canada .....	<u>1,002,533 33</u>
Total assets in Canada.....	<u>\$1,099,866 66</u>

## LIABILITIES IN CANADA.

Amount of claims on policies in Canada unsettled but not resisted.....	\$973 33
Net reserve on all outstanding risks in Canada.....	No return.

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	47
Amount of said policies.....	\$64,186 47
Number of policies become claims in Canada during the year....	1
Amount of said claim .....	973 33
Number of policies in force in Canada at date.....	378
Amount of said policies (exclusive of bonus additions).....	<u>850,534 36</u>

## STAR LIFE—Continued.

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	1	\$ 973 33
2. By surrender and lapse (for which cash value has been paid, \$386.80) ....	11	18,006 67
Total.....	12	\$18,980 00

Policies in force at beginning of year.....	343	\$305,327 89
Policies issued during the year.....	47	64,186 47
Policies terminated as above.....	12	18,980 00
Policies in force at date of statement (exclusive of bonus additions).....	378	850,534 36

Number of insured lives at beginning of year in Canada. ....	343
Number of new insurers during the year.....	47
Number of deaths during the year among the insured.....	1
Number of insured whose policies have been terminated during the year otherwise than by death.....	11
Number of insured lives at date of statement.....	378

Subscribed and sworn to, 23rd April, 1883, by

A. W. LAUDER.

(Received 24th April, 1883.)

## GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*(Abstracted from the Directors' Report, London, England, 5th March, 1883.)*

## NEW BUSINESS IN 1882.

During the year, 2,823 proposals for assurance, amounting to £926,964, were submitted to the Board; of these 325 were either declined or not carried out at the close of the year; and

2,498 policies were issued for the assurance of...£757,024 0s. 0d.

The annual premiums on which amount to..... 24,715 16 7

The sum of £7,530 has been received for the purchase of 21 immediate annuities, amounting to £634 3s. 9d.

The total amount of insurances now in force is £7,976,800.

## MORTALITY.

The claims which have arisen during the year in respect of 330 policies, have amounted to £111,311 17s. 11d., including bonus additions of £10,203 7s. The number of policy-holders who have died is considerably within the average expected and provided for in the society's tables, as in all previous years.

The total sum paid in claims (including bonus additions) since the establishment of the society, now amounts to £2,103,588 6s. 9d.

STAR LIFE—*Concluded.*

## ANNUAL INCOME AND INVESTMENTS.

The income of the society during the past year has amounted to £331,869 13s., derived from the following sources:—

Premiums on policies.....	£240,644	15	2
Purchase of annuities.....	7,530	0	0
Interest on invested funds.....	83,694	17	10
	<u>£331,869</u>	<u>13</u>	<u>0</u>

After the payment of all expenses and claims the balance of income over expenditure amounts to £156,429 3s. 2d. This sum has been added to the Assurance and Annuity Fund, which now stands at £2,023,167 6s. 1d.

The average rate of interest realized on the investments of the society during the year has been slightly in excess of that realized last year.

BALANCE SHEET OF THE STAR LIFE ASSURANCE SOCIETY, FOR THE YEAR ENDING  
31ST DECEMBER, 1882.

	£	s.	d.		£	s.	d.	
Shareholders' capital paid up.....	£	5,600	0	0	Mortgages on property within the United Kingdom.....	326,720	0	10
Assurance and Annuity Fund.....	2,023,167	6	1	Mortgages on property out of the United Kingdom.....	145,203	13	8	
Total funds.....	2,028,167	6	1	Loans on the society's policies (within their surrender value)...	122,806	0	0	
Claims admitted and announced, but not paid.....	10,617	15	0	Investments:—				
				In British Government securities	24,762	10	0	
				Indian and Colonial Government securities.....	332,122	0	5	
				Railway guaranteed stock.....	24,940	0	0	
				Railway debenture stock.....	7,840	0	0	
				Railway preference and preferred stock.....	453,659	19	6	
				House property (office premises, 32 Moorgate Street).....	2,883	1	3	
				Wesleyan Methodist Chapels (trustees of).....	198,362	0	0	
				Other Methodist chapels (trustees of).....	11,940	0	0	
				Congregational chapels (trustees of).....	40,125	0	0	
				Baptist chapels (trustees of).....	49,560	0	0	
				Local boards secured on Parliamentary rates.....	152,747	1	5	
				Freehold ground rents.....	22,474	10	8	
				Agents' balances (premiums in course of collection).....	44,710	18	8	
				Outstanding premiums (head office)	7,728	6	5	
				Half credit premiums.....	26,678	3	2	
				Outstanding interest.....	2,621	2	2	
				Accrued interest (to 31st December, 1882).....	32,325	10	11	
				Cash in hand and on current account.....	8,577	1	11	
	<u>£2,038,785</u>	<u>1</u>	<u>1</u>		<u>£2,038,785</u>	<u>1</u>	<u>1</u>	

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 THE SUN LIFE ASSURANCE COMPANY OF CANADA.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—THOMAS WORKMAN.

Head Office—Montreal.

Manager and Secretary—ROBERTSON MACAULAY.

(Organized or Incorporated, 1865. Amended in 1870, 1871 and 1882. Commenced business in Canada, May, 1871.)

## CAPITAL.

Amount of joint stock capital authorized.....	\$1,000,000 00
Amount subscribed for.....	500,000 00
Amount paid up in cash.....	62,500 00

(For List of Stockholders, see Appendix.)

## ASSETS AS PER LEDGER ACCOUNTS.

Value of real estate (no encumbrances) held by the Company.....	\$76,225 28
Amount secured by way of loans on real estate by bond or mortgage (first liens).....	226,123 32
Amount of loans secured by bonds, stock or other marketable collaterals, viz. ....	35,000 00

Stock.	Par Value.	Market Value.	Amount Loaned.
Federal Bank.....	\$12,000 00	\$18,600 00	\$15,000 00
Exchange Bank.....	13,500 00	23,895 00	20,000 00
	<u>\$25,500 00</u>	<u>\$42,495 00</u>	<u>\$35,000 00</u>

Amount of loans made in cash to policy-holders on the Company's policies, assigned as collaterals.....	24,472 48
Premium obligations on policies in force.....	294 50

Stocks, bonds and debentures owned by the Company, viz. :—

	Par Value.	Market Value.
Montreal Loan and Mortgage Company's stock.....	\$60,000 00	\$64,200 00
North Stukely debentures.....	6,000 00	6,300 00
Exchange Bank stock.....	5,000 00	8,850 00
Molson's Bank stock.....	2,000 00	2,540 00
*Stratford debentures.....	30,000 00	32,700 00
*Belleville do.....	6,000 00	6,540 00
*Côte St. Louis debentures.....	20,000 00	23,000 00
Cornwall debentures.....	8,500 00	8,925 00
Sorel do.....	1,000 00	1,060 00
Total par and market value.....	<u>\$138,500 00</u>	<u>\$154,115 00</u>

Carried out at market value.....	154,115 00
Cash on hand and in banks.....	32,372 19
Bills receivable.....	2,328 12
Agents' ledger balances.....	2,079 74
Total.....	<u>\$553,015 63</u>

\* Deposited with the Receiver-General.

## SUN LIFE—Continued.

## OTHER ASSETS.

Interest due .....	\$ 140 00	
Interest accrued .....	4,551 92	
<b>Total</b> .....		<b>\$4,691 92</b>
Rents due.....	\$198 33	
Rents accrued.....	88 85	
<b>Total</b> .....		<b>287 18</b>
Gross premiums due and uncollected on policies in force.....	\$42,388 22	
Gross deferred premiums .....	31,587 28	
<b>Gross outstanding and deferred premiums</b> .....	<b>\$73,975 50</b>	
Deduct cost of collection at 10 per cent. ....	\$7,397 55	
Also deduct payment by agents on account. ....	2,467 75	
<b>Net outstanding and deferred premiums</b> .....	<b>9,865 30</b>	<b>64,110 20</b>
Office furniture.....		1,157 81
Quebec stamp account.....		340 15
Due for re-assurance.....		12,474 75
<b>Total assets</b> .....		<b>\$636,077 94</b>

## LIABILITIES.

* Amount estimated to cover the net reserve on all outstanding policies in force (including bonus additions and annuity contracts) .....	\$516,000	
Deduct net value of policies re-insured in other companies.....	1,000	
<b>Net re-insurance reserve</b> .....	<b>\$515,000 00</b>	
Claims for death losses adjusted but not due.....	3,000 00	
do do reported but not proved.....	7,000 00	
Amount of dividends or bonuses to policy-holders due and unpaid.....	570 00	
Debenture Sinking Fund.....	3,157 36	
<b>Total liabilities—Life Department</b> .....	<b>\$528,727 36</b>	
<b>Liabilities—Accident Department</b> .....	<b>5,749 31</b>	
<b>Total liabilities (exclusive of capital stock)</b> .....	<b>\$534,476 67</b>	
Surplus as regards policy-holders.....	\$101,601 27	
Capital stock paid up .....	62,500 00	
<b>Surplus over all liabilities and capital</b> .....	<b>\$39,101 27</b>	

\* Estimated on the basis of the Institute of Actuaries' H. M. Table, with  $4\frac{1}{2}$  p. c. interest.

## SUN LIFE.—Continued.

## INCOME DURING THE YEAR.

*(Life Department.)*

Gross cash received for premiums.....	\$173,442	49
Premium obligations taken in part payment of premiums.....	252	50
Premiums paid by dividends (and single premiums for reversionary bonus additions).....	40,853	74
Cash received for annuities .....	2,294	25
<b>Total.....</b>	<b>\$216,842</b>	<b>98</b>
Deduct premiums paid to other companies for re-insurance.....	1,735	24
<b>Total premium income.....</b>	<b>\$215,107</b>	<b>74</b>
Amount received for interest.....	24,101	02
Amount received for rents.....	2,048	03
Sundry—Côte St. Louis sinking fund.....	567	40
<b>Total income.....</b>	<b>\$241,824</b>	<b>19</b>

## EXPENDITURE DURING THE YEAR.

*(Life Department.)*

Cash paid for death claims (including bonus additions, \$351.45).....	\$50,451	45
(Of this amount \$5,000 accrued previous to 1882.)		
Cash paid for matured endowments (including \$1,459.69 bonus additions)	7,659	69
Cash paid to annuitants.....	782	00
Cash paid for surrendered policies.....	1,887	83
Cash paid for interest or dividends to stockholders.....	5,625	00
Interest paid on debenture sinking fund.....	167	40
Cash dividends paid to policy-holders .....	8,642	58
Cash dividends applied in payment of premiums.....	40,853	74
Commissions, salaries and other expenses of officials.....	33,739	25
Taxes, licenses, rent, &c.....	2,410	07
Rebates to policy-holders.....	1,467	47
All other expenditure, viz:—		
Directors' and auditors' fees, \$2,207.60; medical fees, \$3,599.38; travelling expenses, \$3,275.82; law expenses, postage, exchange, &c., \$2,072.25; advertising, printing, &c., \$2,715.15; sundries, \$999.02.....	14,869	22
<b>Total expenditure.....</b>	<b>\$168,555</b>	<b>70</b>
Less expenses, Accident branch.....	5,641	15
<b>Total expenditure, Life branch.....</b>	<b>\$162,914</b>	<b>55</b>

## PREMIUM NOTE ACCOUNT.

Premium obligations on hand at commencement of year.....	\$42	00
Premium obligations received during the year.....	252	50
	\$294	50
Balance, Note assets at end of year.....	294	50

SUN LIFE—*Concluded.*

## MISCELLANEOUS.

Number of new policies reported during the year as taken.....	725	
Amount of said policies.....		\$1,557,166 74
Number of policies become claims during the year (including matured endowments) .....	35	
Amount of said claims (including bonus additions, \$351.45) .....		63,111 14
Number of policies in force at date .....	3,318	
Amount of said policies .....	\$5,760,700 74	
Bonus additions .....	89,188 45	
Total .....	\$5,849,889 19	
Amount of said policies re-insured in other licensed companies in Canada .....	78,000 00	
Net amount of policies in force at 31st December, 1882.....		<u>\$5,771,889 19</u>

## Number and amount of policies terminated during the year:—

	No.	Amount.
1. By death (including bonus additions, \$386.45) ...	30	55,486 45
2. By maturity (including bonus additions, \$1,459.69) .....	5	7,659 69
3. By expiry .....	7	13,000 00
4. By surrender (including bonus additions, \$25,141.62) .....	22	63,054 62
(For which cash value has been paid, \$10,363.41.)		
5. By surrender, \$40,105 (including bonus additions \$605.)		
(For which paid-up policies have been granted to amount of \$8,939.30.)		
Difference of amounts carried out.....		31,165 70
6. By lapse (including bonus additions, \$4,303.45) .....	251	370,187 17
Total .....	<u>315</u>	<u>\$540,553 63</u>
Policies in force at beginning of year (including bonus additions, \$14,562.65) .....	3,047	\$5,009,156 81
Policies issued during the year (including revived) .....	827	1,637,669 30
Bonus additions during the year .....		106,522 01
Policies terminated as above and by change to paid-up policies (including bonus additions, \$31,896.21).....	343	549,492 93
Policies terminated by reduction.....		8,000 00
Policies not taken.....	213	345,966 00
Gross policies in force at date of statement (including bonus additions, \$89,188.45).....	3,318	5,849,889 19

Number of insured lives at beginning of year.....	2,859
Number of new insurers during the year.....	677
Number of deaths during the year among insured and annuitants	29
Number of insured whose policies have been terminated during the year otherwise than by death.....	452
Number of insured lives at date of statement.....	3,055

Subscribed and sworn to, 12th April, 1883, by

THOMAS WORKMAN,  
*President.*

R. MACAULAY,  
*Manager and Secretary.*

(Received, 13th April, 1883.)

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 THE TORONTO LIFE ASSURANCE AND TONTINE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—WILLIAM J. MACDONELL.

Secretary—ARTHUR HARVEY.

Head Office—Toronto.

(Organized or incorporated, March 2nd, 1872. Commenced business in Canada, September, 1st, 1872.)

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 CAPITAL.

Amount of joint stock capital authorized.....	\$500,000 00
Amount of joint stock capital subscribed for.....	104,200 00
Amount of joint stock capital paid up in cash .....	29,772 20

(For List of Shareholders, see Appendix.)

## ASSETS AS PER LEDGER ACCOUNTS.

Real estate (less encumbrances) held by the Company .....	\$ 690 00
Amount secured by way of loans on real estate by bond or mortgage, first liens .....	19,415 21
The same, second liens.....	1,761 92
Amount of loans made in cash to policy-holders on the Company's policies assigned as collaterals.....	791 94

## Stocks and bonds held by the Company:—

	Par Value.	Market Value.
Town of Belleville debentures .....	\$17,000 00	\$17,425 00
Town of Stratford do .....	5,050 00	5,555 00
City of Toronto do .....	2,300 00	2,544 00
Village of Bracebridge do .....	300 00	340 00
Town of Brampton do .....	2,500 00	2,609 00
Township of Macaulay do .....	200 00	200 00
Village of Parkdale do .....	5,000 00	5,250 00
Canadian Pacific R. R. bonds.....	5,000 00	5,000 00

Total par and market value.....	\$37,450 00	\$38,874 00
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Carried out at market value.....	38,874 00
Cash at head office.....	171 20
Cash in banks, viz.:—	
Ontario Bank .....	\$278 72
Merchants' Bank .....	331 95
Government Savings Bank.....	290 36
Total .....	901 03
Bills receivable.....	242 05
Agents' ledger balances .....	305 01
Total .....	\$63,152 36

## OTHER ASSETS.

Interest due .....	\$238 81
do accrued.....	1,036 79
Total carried out.....	\$1,275 60
Rents accrued.....	18 75



## TORONTO LIFE—Continued.

Total deferred premiums on policies in force .....	\$705 22
Deduct cost of collection at 16 per cent.....	70 52
Net deferred premiums .....	634 70
Unpaid calls on stock.....	90 15
Sundry debtors.....	240 32
Office furniture.....	59 98
<b>Total assets.....</b>	<b>\$65,471 86</b>
<b>LIABILITIES.</b>	
* Net amount of re-insurance reserve.....	\$25,430 56
Due on account of general expenses.....	120 70
Due on account of loans.....	1 244 38
Other liabilities, Tontine No. 1.....	279 32
Bank of Montreal (due on C. P. R. bonds).....	909 50
Sundry creditors.....	100 06
<b>Total liabilities.....</b>	<b>\$28,084 52</b>
Surplus on policy-holders' account.....	\$37,387 34
Capital stock paid up in cash and unpaid calls.....	29,862 35
Surplus above all liabilities and capital called up.....	\$7,524 99
<b>INCOME.</b>	
Cash received for premiums.....	\$5,251 93
Amount received for interest or dividends.....	3,004 96
Amount received for rents.....	150 00
<b>Total income.....</b>	<b>\$8,406 89</b>
<b>EXPENDITURE.</b>	
Net amount paid for death claims.....	\$ 100 00
Net amount paid for endowment claims.....	1,000 00
<b>Total net amount paid for death claims and matured endowments.....</b>	<b>\$1,100 00</b>
Cash paid to stockholders for interest or dividends.....	2,082 53
Commission, salaries and other expenses of officials.....	2,039 98
Taxes.....	78 76
Miscellaneous payments, viz. :—	
Postage, telegraph and express, \$34.94; printing and stationery, \$151.30; advertising, \$5.40; petty expenses, \$148.03; rent, \$225.00.....	564 67
<b>Total expenditure.....</b>	<b>\$5,865 94</b>

\* Reserve at 4½ per cent., based on Institute of Actuaries, H.M. Table, computed by Department.

TORONTO LIFE—*Concluded.*

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	34	
Amount of said policies.....		\$35,500 00
Number of policies become claims in Canada during the year.....	2	
Amount of said claims.....		1,500 00
Number of policies in force in Canada at date.....	178	
Amount of said policies.....		<u>171,308 84</u>

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	1	\$ 500 00
2. By maturity.....	1	1,000 00
3. By surrender \$1,500 00. (For which paid-up policies have been granted to amount of \$400 00.)		
Difference of amounts carried out.....	...	1,100 00
4. By lapse.....	75	82,500 00
<b>Total.....</b>	<b>77</b>	<b><u>\$85,100 00</u></b>

Policies in force at beginning of year.....	221	\$220,908 84
Policies issued during the year.....	34	35,500 00
Policies terminated.....	77	85,100 00
Policies in force at date of statement.....	178	171,308 84

Number of insured lives at beginning of year.....	218
Number of new insurers during the year.....	35
Number of deaths during the year among insured.....	1
Number of insured whose policies have been terminated during the year otherwise than by death.....	78
Number of insured lives at date of statement.....	174

Subscribed and sworn to, 16th March, 1883, by

W. J. MacDONELL,  
*President.*  
A. HARVEY,  
*Secretary.*

(Received, 17th March, 1883.)

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 THE TRAVELERS' INSURANCE COMPANY.
 

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 LIFE DEPARTMENT.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—JAMES G. BATTERSON.*Secretary*—RODNEY DENNIS.*Principal Office*—Hartford, Conn., U.S.*Agent in Canada*—

CHAS. F. RUSSELL.

*Head Office in Canada*—

TORONTO.

(Organized or Incorporated, 17th June, 1863. Commenced business in Canada, 1st July, 1865.)

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 CAPITAL.
 

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Amount of capital authorized.....	\$1,000,000 00
Amount subscribed for and paid up in cash.....	600,000 00

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Amount of premiums received in cash during the year on life policies in Canada.....	\$107,972 40
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Amount paid during the year on claims in Canada, viz:—

On account of death claims.....	\$15,882 00
On account of partial disability—life policies.....	411 79
On account of matured endowments.....	1,300 00

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Net amount paid on account of claims.....	\$17,593 79
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Amount paid for surrendered policies.....	5,403 00
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Total net amount paid to policy-holders in Canada.....	\$22,996 79
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## ASSETS IN CANADA.

United States 4½ p. c. bonds in deposit with Receiver-General.....	\$100,000 00
Municipal debentures in deposit with Receiver-General.....	45,000 00
Real estate in Canada owned (improved, at Stanstead, P.Q.).....	2,500 00
Cash in hand in banks in Canada.....	9,907 79

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Total assets in Canada.....	\$157,407 79
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## LIABILITIES IN CANADA.

(Under policies issued previous to 31st March, 1878.)

Amount of claims on life policies in Canada unsettled but not resisted...	\$9,300 00
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Amount of claims of life policies in Canada resisted.....	3,000 00
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*Amount computed to cover the net reserve on all outstanding policies in Canada ...	\$424,639 00
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Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent.....	6,428 31
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Difference carried out.....	418,210 69
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Total net liabilities to said policy-holders in Canada.....	\$430,510 69
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\*Reserve at 4½ per cent, Institute, H.M. Table computed.

## TRAVELERS'—Continued.

(Under policies issued subsequent to the 31st March, 1878.)

Amount computed or estimated to cover the net reserve on all outstanding policies in Canada .....	\$51,748 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 per cent .....	8,090 65
Difference carried out .....	<u>\$43,657 35</u>
Total net liabilities to said policy-holders in Canada .....	<u>\$43,657 35</u>
Total net liabilities to all policy-holders in Canada .....	<u>\$474,168 04</u>

## MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada .....	304	
Amount of said policies .....		\$ 639,509 00
Number of policies become claims in Canada during the year....	21	
Amount of said claims .....		17,682 00
Number of policies in force in Canada at date.....	2,416	
Amount of said policies .....		<u>3,488,976 00</u>

## Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death .....	17	\$15,182 00
2. By maturity .....	4	2,500 00
3. By surrender .....	17	25,390 00
(For which cash value has been paid, \$5,403.00.)		
4. By surrender, \$ .....		
(For which paid-up policies have been granted to amount of \$ .)		
Difference of amounts carried out.....		42,590 00
5. By lapse .....	181	295,490 00
Total .....	<u>219</u>	<u>\$381,152 00</u>

Policies in force at beginning of year.....	2,331	\$3,230,619 00
Policies issued during the year.....	304	639,509 00
Policies terminated .....	219	381,152 00
Policies in force at date of statement.....	2,416	3,488,976 00

## Detail of policies issued since 31st March, 1878.

Policies in force at beginning of year in Canada.....	682	\$1,169,763 00
Policies issued during the year.....	296	629,442 00
Policies terminated as above.....	145	260,283 00
Policies in force at date of statement.....	833	1,538,922 00

Number of insured lives—No return.

Subscribed and sworn to 4th April, 1883, by

CHAS. F. RUSSELL,  
Chief Agent in Canada.

(Received 6th April, 1883.)

TRAVELERS'—*Concluded.*

GENERAL BUSINESS—LIFE—FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*Income during the year 1882.*

Cash received for premiums, less re insurance.....	\$2,403,054	86
Cash received from interest and dividends.....	323,446	68
Cash received from discount, claims paid in advance.....	1,650	89
Cash received from rents and miscellaneous sources.....	28,737	11
<b>Total income.....</b>	<b>\$2,756,889</b>	<b>54</b>

*Disbursements during the year 1882.*

Amount paid for losses.....	\$921,966	46
Amount paid for annuities, matured endowments and purchased policies	83,409	30
<b>Total amount paid to policy-holders.....</b>	<b>\$1,005,375</b>	<b>76</b>
Amount paid for taxes, licenses, fees, &c.....	31,041	61
Amount paid for general expenses.....	1,046,786	59
<b>Total disbursements.....</b>	<b>\$2,083,203</b>	<b>96</b>

*Assets.*

Cash on hand and in bank.....	\$214,382	89
Real estate .....	876,476	58
Stocks and Bonds owned by the Company, viz. :—		
United States bonds.....	267,500	00
State, county and municipal bonds.....	532,404	67
Railroad stocks and bonds .....	1,408,746	00
Bank stocks.....	742,635	00
Miscellaneous stocks and bonds.....	44,100	00
Loans on bonds and mortgages, being first lien on real estate.....	2,039,696	27
Loans on collateral security.....	346,890	55
Deferred life premiums.....	69,508	36
Premiums due and unreported on life policies.....	46,530	84
Interest on loans accrued but not yet due.....	19,523	24
<b>Total assets.....</b>	<b>\$6,668,394</b>	<b>40</b>

LIABILITIES.

Claims unadjusted, not due, resisted and all other liabilities.....	\$288,962	00
Re-insurance reserve, Life Department (American Experience, 4½ per cent.).....	4,335,535	71
<b>Total liabilities.....</b>	<b>\$4,624,497</b>	<b>71</b>
Gross surplus, policy holders account.....	\$2,043,896	69

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THE UNION MUTUAL LIFE INSURANCE COMPANY.

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—JOHN E. DEWITT. | *Secretary*—HENRY D. SMITH.  
*Principal Office*, - - - - Portland, Maine.  
*Agent in Canada*—WILLIAM MÜLOCK. | *Head Office in Canada*—Toronto.  
(Organized or Incorporated, July 17th, 1848.)

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NO CAPITAL.

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Gross amount of premiums received in cash during the year on life policies in Canada .....	\$101,681 71
Gross amount of notes, loans or liens taken during the year in payment of premiums in Canada.....	2,241 00
Total net premium income in Canada.....	\$103,922 71

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Amount paid during the year on claims in Canada, viz.:—

On account of death claims .....	\$40,335 76
On account of matured and discounted endowments .....	19,509 85
Net amount paid on account of claims.....	\$59,845 41
(Of which \$3,100.50 accrued in previous years.)	
Amount paid for surrendered policies.....	5,989 79
Amount paid for dividends or bonuses to policy-holders.....	9,047 67
Total net amount paid to policy-holders in Canada.....	\$74,882 87

ASSETS IN CANADA.

U.S. bonds (4's of 1907) in deposit with Receiver-General.....	\$100,000 00
District of Columbia bonds, do do .....	30,000 00
Mortgages on real estate in Canada .....	2,000 00
Cash in banks in Canada.....	2,776 78
Total assets in Canada .....	\$134,776 78

LIABILITIES IN CANADA.

(Under policies issued previous to 31st March, 1878.)

Amount of claims on policies in Canada unsettled but not resisted.....	\$5,018 34
Unpaid dividends .....	431 83
Premiums paid in advance, net.....	549 35

UNION MUTUAL LIFE—Continued.

*Amount computed to cover the net reserve on all outstanding policies in Canada.....		\$478,351 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 p.c.....	\$5,063 61	
Also deduct premium notes.....	36,503 00	
Accrued and past due interest on same.....	1,201 76	
		42,768 37
Difference carried out.....		435,582 63
Total net liabilities to said policy-holders in Canada.....		\$441,582 15

LIABILITIES IN CANADA.

(Under policies issued subsequent to 31st March, 1878.)

Amount of claims on policies in Canada unsettled but not resisted.....		\$2,000 00
*Amount computed to cover the net reserve on all outstanding policies in Canada.....		\$63,369 00
Deduct amount of deferred and outstanding premiums, less cost of collection at 10 p. c.....		16,110 04
Difference carried out.....		\$47,258 96
Premiums paid in advance, net.....		881 10
Unpaid dividends.....		360 45
Total net liabilities to said policy-holders in Canada.....		\$50,500 51
Total liabilities to all policy-holders in Canada.....		\$492,082 66

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada	452	
Amount of said policies.....		\$647,250 00
Number of policies become claims in Canada during the year.....	36	
Amount of said claims.....		63,763 25
Number of policies in force in Canada at date.....	2,211	
Amount of said policies.....		3,295,719 79

Number and amount of policies terminated during the year in Canada:—

	No.	Amount.
1. By death.....	22	\$47,903 47
2. By maturity.....	13	15,409 15
3. By discounted endowment.....	1	3,000 00
4. By expiry.....	24	37,500 00
5. By surrender.....	22	15,771 36
(For which cash value has been paid, \$5,989.79.)		
6. By sarrender \$12,638 00.		
(For which paid-up policies have been granted to amount of \$5,072.00.)		
Difference of amounts carried out.....	..	7,566 00
7. By lapse.....	151	210,484 57
Total.....	233	\$337,634 55

\*Based on American Experience Table of Mortality, 4½ p. c, interest.

## UNION MUTUAL LIFE—Continued.

	No.	Amount.
*Policies in force at beginning of year.....	1,925	\$2,888,027 49
Policies issued during the year.....	606	926,250 00
Reversionary additions.....		7,189 60
Policies restarted.....	13	17,800 00
Policies terminated as above, and by change to paid-up policies..	233	337,631 55
Policies decreased.....		26,393 25
Policies not taken.....	100	179,500 00
Policies in force at date of statement. ....	2,211	3,295,749 74

*Detail of policies issued since 31st March, 1878.*

Policies in force at beginning of year in Canada.. .....	796	1,009,265 75
Policies restored.....	9	13,500 00
Policies issued during the year.....	614	931,322 00
Reversionary additions.....		4,530 29
Policies terminated as above, and by change to paid-up policies..	165	231,042 00
Policies not taken.....	100	179,500 00
Policies in force at date of statement .....	1,154	1,548,076 04

No return as to insured lives.

Subscribed and sworn to, 16th March, 1883, by

JOHN E. DEWITT.

*President.*

NICHOLAS DEGROOT,

*Asst. Secretary.*

(Received, 19th March, 1883,)

## GENERAL BUSINESS STATEMENT 31ST DECEMBER, 1882.

*Balance Sheet Union Mutual Life.*

## LIABILITIES.

1882.

Dec. 31. To re-insurance fund, combined experience, table of mortality, 4 per cent. interest.....	\$5,773,624 00
“ Claims in course of settlement.....	91,247 00
“ Premiums paid in advance, (net,).....	7,369 66
“ Unpaid dividends to policy-holders.....	8,980 82
“ Endowments due and unpaid .....	11,196 00
“ Contingent reserve for unpaid bills and all other liabilities.	6,842 00
*“ Surplus as regards policy-holders.....	379,320 29

\$6,279,379 77

\*Estimated surplus by New York standard, 4½ per cent. interest, \$700,911.29.



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 UNION MUTUAL LIFE—*Concluded.*

## ASSETS.

1882.		
Dec. 31. By	Real estate .....	\$1,925,171 06
"	Mortgages.....	1,539,888 29
"	Premium notes .....	836,767 00
"	Railroad bonds.....	740,384 50
"	State, city and county bonds.....	315,324 98
"	Government bonds.....	278,862 50
"	Bank stock.....	162,789 00
"	Collateral loans.....	97,360 00
"	Cash in banks.....	121,346 36
"	Cash in office.....	660 03
"	Cash in transit, (since received).....	1,358 65
"	Loans on policies.....	3,714 33
"	Bills receivable.....	3,293 70
"	Agents' and other ledger balances, (net.).....	3,115 87
"	Deferred premiums.....	78,525 43
"	Premiums in course of collection.....	32,098 06
"	Accrued rents, &c .....	4,072 29
"	Accrued and past due interest.....	134,647 72
	Assets, December 31st, 1882.....	<u>\$6,279,379 77</u>

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 THE UNITED STATES LIFE INSURANCE COMPANY.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—T. H. BROSNAN.

Secretary—C. P. FRALEIGH.

Principal Office—261-263 Broadway  
New York City.

(Organized or Incorporated, February, 1850.)

Sup't in Canada—M. W. MILLS.

Attorney in Canada—THOS. A. TEMPLE,

Head Office in Canada—Toronto.

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 CAPITAL.
 

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Amount of capital authorized.....	\$ 440,000 00
Amount subscribed for and paid up in cash.....	440,000 00

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Amount of premiums received in cash during the year on life policies in Canada.....	\$1,539 21
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Amount paid during the year on claims in Canada, viz:—

On account of death claims.....	\$2,000 00
do      matured endowments.....	2,510 00
Net amount paid on account of claims.....	\$4,510 00
Amount paid for dividends or bonuses to policy-holders.....	430 62
Total net amount paid to policy-holders in Canada.....	\$4,940 62

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## ASSETS IN CANADA.

United States 4½ per cent. Bonds (registered) in deposit]with Receiver- General.....	\$40,000 00
District of Columbia 3-65 Bonds (registered)      do      do	60,000 00
Total assets in Canada.....	\$100,000 00

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## LIABILITIES IN CANADA.

*Amount computed to cover the net reserve on all outstanding policies in Canada.....	\$15,895 00
Deduct amount of deferred and outstanding premiums, less cost of collec- tion at 10 per cent.....	291 13
Difference carried out.....	\$15,603 87
Total net liability to policy-holders in Canada.....	\$15,603 87

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\*Based on American Table 4½ per cent.

UNITED STATES LIFE—Continued.

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada .....	10	
Amount of said policies.....		\$19,000 00
Number of policies become claims in Canada during the year.....	3	
Amount of said claims.....		4,510 00
Number of policies in force in Canada at date.....	36	
Amount of said policies .....		<u>84,955 00</u>

Number and amount of policies terminated during the year in Canada :—

	No.	Amount.
1. By death .....	1	2,000 00
2. By maturity .....	2	2,510 00
3. By surrender.....	1	2,500 00
4. By lapse .....	6	6,000 00
Total .....	<u>10</u>	<u>\$13,010 00</u>

Policies in force at beginning of year.....	36	78,965 00
Policies issued during the year .....	10	19,000 00
Policies terminated as above .....	10	13,010 00
Policies in force at date of statement.....	36	<u>84,955 00</u>

Number of insured lives.—No return.

Subscribed and sworn to, 10th February, 1883, by

GEO. H. BURFORD.

(Received, 13th February, 1883.)

GENERAL STATEMENT.

Balance Sheet, December 31st, 1882.

	Dr.
To Reserve at $4\frac{1}{2}$ per cent. American Table (N. Y. State Standard) including dividends.....	\$1,277,729 79
“ Claims in course of settlement.....	22,440 00
“ Premiums paid in advance.....	5,187 77
“ Liability for lapsed policies presentable for surrender .....	1,868 29
“ Accrued rents and unrepresented accounts.....	3,943 54
“ Surplus as regards policy-holders.....	805,645 07
Total.....	<u>\$5,116,814 46</u>

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 UNITED STATES LIFE—*Concluded.*

	Cr.
By Bonds and Mortgages.....	\$2,755,288 64
“ United States and other Bonds.....	1,029,046 00
“ Real Estate.....	58,005 00
“ Cash in Banks.....	76,078 80
“ Cash in Office.....	2,928 42
“ Loans on Policies.....	88,710 13
“ Call and Temporary Loans secured by U. S. and other Stocks and Bonds.....	942,424 85
“ Balances due by Agents, secured.....	5,883 06
“ Interest accrued.....	71,090 65
“ Deferred premiums, less 10 per cent. for collection.....	64,753 27
“ Premiums in course of collection, less 10 per cent.....	22,605 64
<b>Total.....</b>	<b><u><u>\$5,116,814 46</u></u></b>

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Total payment to policy-holders in 1882.....	\$459,679 46
Death claims unpaid on which proofs have been received during the year 1882.....	None.
Interest due and unpaid on Bond and Mortgage, only.....	\$1,704 00

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**STATEMENTS**

**MADE BY**

**ACCIDENT, GUARANTEE, PLATE-GLASS**

**AND**

**STEAM BOILER**

**INSURANCE COMPANIES.**

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**IN ACCORDANCE WITH THE CONSOLIDATED ACT OF 1877.**

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## LIST OF COMPANIES

DULY LICENSED FOR THE TRANSACTION OF **ACCIDENT, GUARANTEE, PLATE-GLASS** AND **STEAM BOILER** INSURANCE BUSINESS IN THE DOMINION, FOR THE YEAR ENDING 31st DECEMBER, 1882.

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### ACCIDENT

- The Accident Insurance Company of North America.
- The Citizens' Insurance Company of Canada.
- The London Guarantee and Accident Company (Limited).
- The Sun Life Assurance Company of Canada.
- The Toronto Life Assurance and Tontine Company.
- The Travelers' Insurance Company of Hartford, Conn.

### GUARANTEE.

- The Guarantee Company of North America.
- The London Guarantee and Accident Company (Limited).

### PLATE-GLASS INSURANCE COMPANY.

- The Metropolitan Plate-Glass Insurance Company of New York. Head Office in Canada, Montreal.

### STEAM BOILER INSURANCE COMPANY.

- The Boiler Inspection and Insurance Company of Canada (formerly the Canadian Steam Users' Insurance Association.)





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 THE ACCIDENT INSURANCE COMPANY OF NORTH AMERICA.
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—Sir A. T. GALT, G.C.M.G. | Managing Director—EDWARD RAWLINGS.

Head Office—260 St. James St., Montreal.

(Organized or Incorporated, 14th June, 1872. Commenced business in Canada, 1874.)

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 CAPITAL.

Authorized.....	\$500,000 00
Subscribed for.....	261,000 00
Paid up in Cash.....	<u>157,000 00</u>

(For List of Shareholders, see Appendix.)

## ASSETS.

\* Stocks and bonds held by the Company:—

	Par Value.	Market Value.	
Montreal Harbour bonds.....	\$28,000 00	\$31,540 00	
Lake Champlain and St. Lawrence Railway bonds.....	7,000 00	6,440 00	
Montreal Warehousing bonds.....	8,443 11	8,443 11	
Guarantee Company of North America, paid up stock.	11,000 00	10,450 00	
Dominion stock.....	549 67	549 67	
Montreal Corporation stock.....	5,000 00	7,740 00	
do do debentures.....	2,000 00		
† United States 5's Extended bonds at $\frac{3}{4}$ per cent.....	100,000 00	103,000 00	
Total par and market value.....	\$161,992 78	\$168,162 78	
Carried out at market value.....			\$168,162 78
Cash on hand at Head Office.....			8,526 31
Cash in Molson's Bank.....			13,164 87
Cash deposited with Receiver-General.....			1,290 22
Accrued interest on stocks and bonds.....			983 36
Agents' balances (premiums in due course of collection).....			45,590 66
Furniture and fixtures.....			540 49
Total assets.....			<u>\$238,258 69</u>

## LIABILITIES.

(1) Liabilities in Canada.

Reserve of unearned premiums for all outstanding risks in Canada.....	\$ 13,860 46
Due and accrued for salaries, rent advertising, agency and other miscellaneous expenses.....	1,500 00
Commission on premiums in due course of collection.....	1,207 54
Total liabilities in Canada.....	<u>\$ 16,568 00</u>

\* Of these there are deposited with Receiver-General, Canada, \$13,500 Montreal Harbour bonds; \$8,443.11 Montreal Warehousing bonds; and \$549.67 Dominion stock.

† Deposited with Insurance Department, State of New York.

## ACCIDENT COMPANY—Continued.

(2.) *Liabilities in other Countries.*

Net amount of losses reported or supposed, but not claimed.....	\$	1,000	00
Reserve of unearned premiums for all outstanding risks in other countries .....		42,398	61
Commission on Premiums in due course of collection.....		7,910	60
<b>Total liabilities in other countries.....</b>	<b>\$</b>	<b>51,309</b>	<b>21</b>
<b>Total liabilities (excluding capital stock) in all countries.....</b>		<b>67,877</b>	<b>21</b>
Capital stock paid up in cash and notes.....	\$	157,000	00
Surplus beyond all liabilities and paid up capital.....	\$	13,381	48

## INCOME.

<i>For Accident Risks.</i>	In Canada.	In other Countries.
Gross cash received for premiums.....	\$ 43,287 35	\$ 74,734 01
Deduct re-insurance, rebate, abatement and return premiums.....	2,752 21	933 75
Net cash received for said premiums.....	\$ 40,535 14	\$ 73,800 26
<b>Total net cash received for premiums in all countries.....</b>	<b>\$ 114,335 40</b>	
Interest and dividends.....		6,342 27
Agents' balances written off now recovered.....		125 59
<b>Total.....</b>		<b>\$ 120,807 26</b>
Received for increased capital.....		4,700 00
<b>Total income.....</b>		<b>\$ 125,507 26</b>

## EXPENDITURE.

<i>For Accident Risks.</i>	In Canada.	In other countries.
Amount paid for losses occurring in previous years (which losses were estimated in the last statement at \$216.00).	\$ 216 00	.....
Amount paid for losses occurring during the year .....	\$ 10,950 59	\$ 16,637 81
Net amount paid during the year for losses.....	\$ 11,166 59	\$ 16,637 81
<b>Total net amount paid during the year for accident losses.....</b>		<b>\$ 27,804 40</b>
Amount of dividends paid during the year at 6 per cent.....		7,158 32
Commission or brokerage.....		39,858 89
Salaries, fees, and all other charges of officials.....		11,401 84
Taxes.....		2,256 59
Miscellaneous payments, viz:—		
Rents, \$1,593.90; office charges, \$1,094.28; advertising, \$3,833.65; postage, parcels, and telegrams, \$1,071.69; printing and stationery, \$8,327.04; Directors' and Auditors' fees, \$1,320.00; furniture, \$540.49 .....		17,781 05
		<b>\$ 106,261 09</b>

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 ACCIDENT COMPANY—*Continued.*

## CASH ACCOUNT.

*Dr.*

1881.		
Dec. 31.—To balance in hand and in banks at this date .....	\$27,884	38
1882.		
Dec. 31.—To income as above.....	125,507	26
		<u>\$153,391 64</u>

*Cr.*

1882.		
Dec. 31.—By expenditure during year as above .....	\$106,261	09
By investments during year.....	25,439	37
By balance in hand and in banks this date.....	21,691	18
		<u>\$153,391 64</u>

**ACCIDENT—Concluded.**  
RISKS AND PREMIUMS.

<i>Accident Risks.</i>	<i>In Canada.</i>			<i>In other Countries.</i>			<i>Total in all Countries.</i>		
	No.	Amount.	Premiums thereon.	No.	Amount.	Premiums thereon.	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement	4,082	\$7,074,650	\$39,571 30	8,507	\$11,973,056	\$121,125 09	3,669	\$5,668,370	\$38,555 10
Taken during the year, new and renewed.....							12,689	19,049,700	160,686 39
Deduct terminated.....							16,268	\$24,716,070	\$199,251 49
Total.....							6,816	10,428,870	84,612 64
Gross in force at end of year.....	2,811	\$5,069,954	\$28,562 51	6,631	\$9,217,246	\$86,076 34	9,442	\$14,287,206	\$114,638 85
Deduct re-insured.....		267,000	831 60		390,000	1,279 11		657,500	2,120 71
Net in force at 31st December, 1882.	2,811	\$4,802,954	\$27,720 91	6,631	\$8,827,246	\$84,797 23	9,442	\$13,629,700	\$112,518 14

Total number of policies in force at date..... 9,442  
 Total amount in force..... \$13,629,700 00  
 Total premiums thereon..... 112,518 14

Subscribed and sworn to, 15th February, 1883, by  
 (Received 16th February, 1883).

EDWARD RAWLINGS, Secretary.  
 F. F. PARKINS, Assistant Secretary.

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 THE CITIZENS' INSURANCE COMPANY OF CANADA.
 

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 STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.
 

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## ACCIDENT DEPARTMENT.

(For Assets and Liabilities, see Fire Return.)

## INCOME.

Cash received for premiums.....	\$20,122 41
Less re-insurance and return premiums.....	837 27
Total premium income.....	<u>\$19,285 14</u>

## EXPENDITURE.

Bonus to policy-holders.....	\$ 67 00
Cash paid for losses.....	3,347 31
Working expenses, including commissions, salaries, rent, &c.....	8,204 92
Total cash expenditure.....	<u>\$11,619 23</u>

## RISKS AND PREMIUMS.

	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement.....	934	\$1,169,900	\$8,764 89
Taken during the year.....	2,627	3,583,820	23,270 07
Total.....	3,561	4,753,720	32,034 96
Deduct terminated.....	1,881	2,696,995	13,998 98
Gross in force at end of year.....	1,680	2,056,725	18,035 98
Deduct re-insured.....	.....	129,500	622 35
Net in force at 31st December, 1882.....	<u>1,680</u>	<u>\$1,927,225</u>	<u>\$17,413 63</u>

Subscribed and sworn to, 11th March, 1883, by

HENRY LYMAN,  
*President.*GERALD E. HART,  
*General Manager.*

(Received 15th March, 1883.)

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 THE SUN LIFE ASSURANCE COMPANY OF CANADA.
 

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 STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.
 

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## ACCIDENT DEPARTMENT.

*For Assets, see Life Statement.*

## LIABILITIES.

Unearned premiums.....	<u>\$5,749 31</u>
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## INCOME.

Gross cash received for premiums.....	\$11,282 30
Less paid for re-insurance.....	198 38
Net cash premium income .....	<u>\$11,083 92</u>

## DISBURSEMENTS.

Claims paid during the year.....	\$2,381 06
Expenses (included in General Statement).....	<u>5,641 15</u>

## NEW BUSINESS.

Number of new policies issued during the year.....	921
Amount of said policies.....	\$1,673,017 00
Premiums thereon.....	9,448 16
Number of policies in force at the end of the year .....	1,157
Amount in force at the end of the year.....	1,950,850 00
Premiums thereon .....	\$11,674 00
Less premiums on re-assurances.....	175 38
Net premiums.....	<u>11,498 62</u>

Subscribed and sworn to, 12th April, 1883, by

THOMAS WORKMAN,

*President.*

R. MACAULAY,

*Manager and Secretary.*

(Received, 13th April, 1883.)

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**THE TRAVELERS' INSURANCE COMPANY OF HARTFORD, CONN., U.S.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

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ACCIDENT DEPARTMENT—CANADIAN BUSINESS.

Total premiums received during the year on policies in Canada.....	<u>\$25,549 53</u>
Amount paid during the year on accident claims in Canada, viz:—	
On account of death claims under accident policies.....	\$ 9,524 00
On account of indemnity for injury.....	<u>10,414 33</u>
Net amount paid on accident claims in Canada. ....	<u>\$19,938 33</u>

*For Assets, see Life Statement.*

LIABILITIES IN CANADA.

Amount of claims on accident policies in Canada unsettled but not resisted.....	2,576 00
Amount of accident claims in Canada resisted.....	<u>5,000 00</u>

MISCELLANEOUS.

Number of new policies reported during the year as taken in Canada.....	1,981
Amount of said policies.....	<u>\$4,823,600 00</u>

Subscribed and sworn to, 4th April, 1883, by

CHAS. F. RUSSELL,  
*Chief Agent in Canada.*

(Received, 6th April, 1883.)



THE GUARANTEE COMPANY OF NORTH AMERICA.

STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*— | *Managing Director*, EDWARD RAWLINGS.  
 SIR A. T. GALT, G.C.M.G. | *Secretary*, JAMES GRANT  
*Head Office*—260 St. James Street, Montreal.  
 (Organized or incorporated, 1851; commenced business in Canada, April, 1872.)

CAPITAL.

Amount of capital authorized.....	\$1,000,000 00
Amount subscribed for.....	668,600 00
Amount paid up in cash.....	<u>300,000 00</u>

(For List of Stockholders, see Appendix.)

ASSETS.

Value of real estate (less encumbrances) held by the Company (consists of a lot of ground and stone house thereon at Windsor, Ont.) 1,600 00

\*Stocks and bonds held by the Company, viz:—

	Par value.	Market value
Montreal Corporation bonds.....	\$20,000 00	\$21,730 00
do Harbour bonds.....	31,000 00	34,390 00
City of Toronto bonds.....	10,000 00	11,400 00
Montreal warehousing bonds.....	8,443 11	8,443 11
Victoria, B.C., waterworks bonds.....	10,000 00	12,000 00
Lake Champlain and St. Lawrence Junc. Ry. bonds.....	5,000 00	4,600 00
Canada Central Ry. bonds.....	9,733 34	10,025 34
Accident Insurance Co. of N.A., paid-up stock.....	8,500 00	8,500 00
Canada stock.....	399 67	399 67
†United States 5 p.c. bonds, continued at 3½.....	214,000 00	220,420 00

Total par and market value..... \$317,076 12 \$331,908 12

Carried out at market value..... 331,908 12

Loan secured by paid-up life policy..... 400 00

Cash on hand at head office..... 9,883 23

Cash deposited with the Receiver-General..... 1,290 22

Cash in banks, viz:—

Bank of Montreal, Montreal.....	\$6,571 20
do do Chicago.....	11,495 64
Jesup, Paton & Co., New York.....	8,398 32
Merchants' National Bank, Richmond, Va.....	<u>1,159 48</u>

Total..... 27,624 64

Interest accrued and unpaid on stocks..... 1,928 99

Agents' balances..... 16,435 41

Bills receivable..... 1,379 22

Office furniture and fixtures, including safes..... 3,178 28

Total assets..... \$395,628 11

\*Of these there are deposited with Receiver-General, Canada, \$17,000 Montreal Harbour bonds; \$399.67 Canada stock; \$8,443.11 Montreal Warehousing Co. bonds; \$10,000 City of Victoria bonds; \$20,000 Montreal Corporation bonds.

†\$200,000 deposited with State of New York, and \$14,000 in Virginia.

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**GUARANTEE COMPANY—Continued.**
**LIABILITIES.****(1.) Liabilities in Canada.**

Total net amount of unsettled claims for guarantee losses in Canada (not resisted).....	\$ 1,116 86
Reserve of unearned premiums for all outstanding risks in Canada.....	19,624 05
Due and accrued for salaries, rent, agency and other miscellaneous expenses, including commission for collecting outstanding premiums.	2,636 27
<b>Total liabilities in Canada.....</b>	<b>\$23,377 18</b>

**(2.) Liabilities in other Countries.**

Total net amount of unsettled claims for guarantee losses (not resisted)	\$3,166 31
Total reserve of unearned premiums for all outstanding risks.....	35,632 01
Due and accrued for salaries, rent, agency and other miscellaneous expenses, including commission for collecting outstanding premiums.	2,215 16

<b>Total liabilities in other countries.....</b>	<b>\$41,013 48</b>
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<b>Total liabilities (except capital stock) in all countries.....</b>	<b>\$64,390 66</b>
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Capital stock paid up in cash.....	\$300,000 00
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Surplus beyond all liabilities and paid-up capital stock .....	\$31,237 45
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**INCOME.**

<i>For Guarantee Risks.</i>	In Canada.	In other Countries.	
Gross cash received for premiums .....	\$45,546 02	\$73,191 06	
Deduct re-insurance, rebate, abatement and return premiums .....	27 50	369 80	
Net cash received for said premiums.....	\$45,518 52	\$72,821 26	
<b>Total net cash received for premiums in all countries.....</b>			<b>\$118,339 78</b>
Received for interest and dividends.....			12,033 75
Claims recovered.....			3,987 47
<b>Total.....</b>			<b>134,361 00</b>
Received for increased capital .....			7,420 00
<b>Total income.....</b>			<b>\$141,781 00</b>

**EXPENDITURE.**

<i>For Guarantee Risks.</i>	In Canada.	In other Countries.
Amount paid for losses occurring in previous years (which losses were estimated in the last statement at \$1,336.86)	\$1,336 86	.....
Amount paid for losses occurring during the year.....	7,317 06	17,662 73
<b>Total net amount paid during the year for losses .....</b>	<b>\$8,653 92</b>	<b>\$17,662 73</b>

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**GUARANTEE COMPANY—Continued.**

Total net amount paid during the year for losses in all countries.....	\$26,316 65
Paid for the guarantee business of the Citizens Insurance Co. of Canada	3,000 00
Amount of dividends paid during the year at 6 per cent.....	14,378 95
Commission or brokerage.....	10,085 17
Salaries, fees and all other charges of officials. ....	25,399 00
Taxes.....	2,754 09
Miscellaneous payments, viz.:—Advertising, \$5,432.47; rent and taxes, \$6,192.74; postages, parcels and telegrams, \$4,581.17; printing and stationery, \$4,272.53; office charges, \$815.54; special reports, \$1,191.00; law charges, \$2,528.86; travelling expenses, \$3,522.20; furniture, \$1,251.58 .....	29,788 09
Total expenditure.....	<u><u>\$111,721 95</u></u>

**CASH ACCOUNT.***Dr.*

1881.	
Dec. 31.—To balance in hand and in banks as at this date .....	\$34,760 32
1882.	
Dec. 31.—To income as above .....	141,781 00
To received from realization of investments.....	2,000 00
	<u><u>\$178,541 32</u></u>

*Cr.*

1882.	
Dec. 31.—By expenditure during year as above .....	\$111,721 95
By investments during year.....	29,311 50
By balance in hand and in banks this date.....	37,507 87
	<u><u>\$178,541 32</u></u>

**GUARANTEE COMPANY—Concluded.**

**RISKS AND PREMIUMS.**

	In Canada.			In other Countries.			Total in all Countries.		
	No.	Amount.	Premiums thereon.	No.	Amount.	Premiums thereon.	No.	Amount.	Premiums thereon.
<i>For Guarantees Risks.</i>									
Gross policies in force at date of last statement.	4,417	5,021,420	\$43,461 87	9,014	\$10,059,190	\$85,623 04	7,154	\$8,406,625	\$70,384 74
Taken during the year—new and renewed....							13,431	15,080,610	129,084 91
Total.....							20,586	\$23,487,235	\$199,469 65
Deduct terminated.....							10,526	9,864,135	88,987 53
Gross in force at end of year.....	2,971	\$5,281,500	\$39,248 11	7,088	\$8,341,600	\$71,264 01	10,059	\$13,623,100	\$110,512 12
Deduct re-insured.....								87,125	369 80
Net in force at 31st Dec., 1883.....							10,059	\$13,535,975	\$110,142 32

Number of policies in force at date..... 10,059  
 Amount in force..... \$13,535,975 00  
 Premiums thereon..... 110,142 32

Subscribed and sworn to, 15th February, 1883, by

**EDWARD RAWLINGS,**  
*Managing Director.*  
**JAMES GRANT,**  
*Secretary.*

(Received 23rd February, 1883.)

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 THE LONDON GUARANTEE AND ACCIDENT COMPANY (LIMITED).
 

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

<i>Principal Office</i> — 10 Moorgate St., London, England.		<i>Secretary</i> — E. G. LAUGHTON ANDERSON. (Organized or Incorporated, A.D. 1869.)
<i>Head Office in Canada</i> —Toronto.		<i>Agent in Canada</i> —A. T. McCORD. Commenced business in Canada, July, 1880.

## CAPITAL.

Amount of joint stock capital authorized.....	£250,000 sterling
Amount subscribed for.....	116,120 "
Amount paid up in cash.....	46,448 "

## ASSETS IN CANADA.

Canada inscribed stock in deposit with Receiver-General.....	\$56,745 32
(Par value, \$53,533.33; market value, \$56,745.32.)	
Cash at head office.....	4 59
Cash in Federal Bank, Toronto.....	986 45
Agents' balances.....	2,229 32
Bills receivable.....	1,065 87
<b>Total assets in Canada.....</b>	<b>\$61,031 55</b>

## LIABILITIES IN CANADA.

Net amount of losses in Canada claimed but not adjusted :—	
Guarantee losses.....	\$1,455 59
<b>Total net amount of unsettled claims for losses in Canada.....</b>	<b>\$1,455 59</b>
Reserve of unearned premiums for all outstanding risks in Canada :—	
Guarantee.....	\$7,864 90
Accident.....	4,983 86
<b>Total reserve.....</b>	<b>12,848 76</b>
<b>Total liabilities in Canada.....</b>	<b>\$14,304 35</b>

## INCOME IN CANADA.

Gross cash received for guarantee premiums.....	\$12,716 95
Deduct re-insurance, rebate, abatement and return premiums.....	373 63
<b>Net cash for said premiums.....</b>	<b>\$12,343 32</b>
Gross cash received for accident premiums.....	\$6,498 61
Deduct re-insurance, rebate, abatement and return premiums.....	194 75
<b>Net cash for said premiums.....</b>	<b>\$6,303 86</b>
<b>Total net cash received for premiums in Canada.....</b>	<b>\$18,647 18</b>
Interest on deposit received direct in England.....	2,141 33
Recovered on account of guarantee claim.....	141 50
<b>Total income in Canada.....</b>	<b>\$20,930 01</b>

## LONDON GUARANTEE—Continued.

## EXPENDITURE IN CANADA.

*For Guarantee Risks in Canada.*

Amount paid for losses occurring in previous years (which losses were estimated in last statement at \$79.52).....	\$79 52
Deduct savings and salvage.....	39 76
Net amount paid for said losses.....	\$39 76
Amount paid for losses occurring during the year.....	\$965 92
Deduct amount received for re-insurance from other companies .....	300 09
Net amount paid for said losses.....	665 92
Total net amount paid during the year for Guarantee losses in Canada...	705 68

*For Accident Risks in Canada.*

Net amount paid during the year for accident losses.....	\$1,183 60	
Total net amount paid during the year for losses.....		\$1,889 28
Paid for commission or brokerage in Canada.....		5,362 02
Paid for salaries, fees, and all other charges of officials in Canada.....		375 00
Paid for taxes in Canada (Province of Quebec)....		450 00
Miscellaneous payments, viz:—Rent, \$919.48; Law costs, \$389.19; Commission on profits, \$169.37; Sundries, \$428.63.....		1,906 67
Total expenditure in Canada.....		\$9,982 97

## RISKS AND PREMIUMS.

<i>Guarantee Risks in Canada.</i>	No.	Amount.	Premiums.
Gross policies in force at date of last statement...	884	\$1,194,250	\$8,568 00
Taken during the year—new.....	619	1,194,800	7,473 82
do do renewed.....	697	801,550	5,513 19
Total.....	2,200	\$3,190,600	\$21,555 01
Deduct terminated.....	782	891,150	5,825 20
Gross and net in force at 31st Dec. 1882.....	1,418	\$2,299,450	\$15,729 81
<i>Accident Risks in Canada.</i>			
Gross policies in force at date of last statement...	565	\$1,058,500	\$5,121 67
Taken during the year—new.....	556	1,026,600	5,040 80
do do renewed.....	251	438,500	2,360 25
Total.....	1,372	\$2,523,600	\$12,522 72
Deduct terminated.....	269	471,500	2,555 00
Gross and net in force at 31st Dec., 1882.....	1,103	\$2,052,100	\$9,967 72

Total number of policies in force in Canada at date.....	2,521
Total net amount in force.....	\$4,351,550 00
Total premiums thereon.....	25,697 53

Subscribed and sworn to, 8th February, 1883, by

A. T. McCORD.

(Received, 10th February, 1883.)

## LONDON GUARANTEE—Continued.

GENERAL BUSINESS STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*(Abstracted from Directors' Report, London, England, 1883.)*

During the year the policies completed assured £1,919,812, representing a new Annual Income of £11,637 19s. 0d.

The gross income from premiums was £34,292 12s. 0d., and the amount paid for re-assurances £948 11s. 4d.

The claims, including reserve for those then under investigation was £11,016 1s. 3d.

The revenue account (including the amount brought over from 1881) shows a balance in favor of the Company of £12,212 2s. 6d. From this the Directors recommend the appropriation of £7,000 to the reserve account, which will then amount to £35,000, and the payment of a dividend of four shillings per share free of income tax, which will leave a balance of £567 6s. 6d. to be carried forward.

*Revenue Account, for the Year ending 31st December, 1882.*

## EXPENDITURE.

	£.	s.	d.
To claims, balance of account, and expenses resettlement .....	9,726	11	10
To charges:—Commission, branch, and agency expenses, policy stamps, and income and colonial taxes.....	5,782	10	3
To advertising, agency extension, printing and stationery. ....	3,188	12	11
To directors', auditors', medical and survey fees, rent, salaries, and law charges.....	4,410	7	3
To postages, receipt stamps, and miscellaneous charges.....	653	17	1
To re-assurances.....	948	11	4
To loss on exchange.....	26	5	10
To reserve against amounts to debit of agents.....	143	19	2
To balance as per balance sheet .....	12,045	4	1
	<u>£36,925</u>	<u>19</u>	<u>9</u>

## INCOME.

	£.	s.	d.
By premiums, less bonus and rebates to assured.....	33,707	17	4
By interest.....	3,218	2	5
	<u>£36,925</u>	<u>19</u>	<u>9</u>

*Balance Sheet, as on 31st December, 1882.*

	£	s.	d.
To capital:—50,000 shares of £5 each, £250,000, of which 23,224 are subscribed, on which there has been called and paid.. ..	46,418	0	0
To unclaimed dividends.....	150	18	0
To sundry accounts.....	923	12	10
To reserve for claims outstanding.....	4,094	12	8
To reserve including provision for current policies.....	35,000	0	0

LONDON GUARANTEE—*Concluded.*

## To revenue account :—

Balance of income and expenditure account brought forward					
£ from last year .....	£3,882	15	3		
Less dividend paid March, 1882. ....	3,715	16	10		
		166	18	5	
Balance of account for the year ending this date. ....	12,045	4	1		
		12,212	2	6	
Less transferred to reserve .....	7,000	0	0		
			5,212	2	6
			£91,829	6	0

## By investments—at cost

	£	s.	d.	£	s.	d.
* £7,812 Consols .....	5,420	11	6			
* £2,000 India 4 per cent. stock .....	2,041	2	0			
Rs. 8,000 " " Enfaced paper .....	640	0	0			
Rs. 3,000 " " 4½ per ct. " " .....	270	0	0			
Rs. 15,000 " " 4½ per cent. 1880 bonds .....	1,336	17	6			
* £1,800 Oude & Rohilkund Ry. Guardt. 5 per cent. stock .....	2,204	0	6			
* £1,500 Bombay & Baroda Ry. Guardt. 5 per cent. stock .....	5,622	14	4			
£2,000 Metropolitan Board of Works 3½ per cent. stock .....	2,039	13	0			
£2,200 Great Western Ry. Guardt. 5 per cent. stock .....	2,972	0	5			
£4,500 L. & North-Western Ry. Guardt. 4 per cent. stock .....	4,761	6	0			
* £4,500 North Eastern Ry. Guardt. 4 per cent. stock .....	4,711	11	8			
£11,000 Canada 4 per cent. Stock .....	10,327	16	1			
(Inscribed in the name of the Receiver-General of Canada.)						
£3,500 Cape of Good Hope 4½ per cent. bonds .....	3,417	18	4			
£4,300 New South Wales 5 per cent. bonds .....	4,441	7	6			
£2,000 Queensland 4 per cent. bonds .....	1,786	2	8			
£3,000 Victoria 4½ per cent. bonds .....	3,063	14	8			
	55,056	16	2			
Loans on mortgage .....	6,800	0	0			
Fixed deposits with banks :—						
Chartered of India, Australia and China .....	5,000	0	0			
English, Scottish and Australian .....	10,000	0	0			
Oriental .....	1,700	0	0			
Standard of British South Africa .....	5,000	0	0			
Interest accrued due .....	963	16	6			
				84,520	12	8
(* In the names of the Company's Trustees, together £20,000-)						
By sundry agents' balances, including balances in local banks .....	6,269	5	0			
Less Reserve for Commission, &c. ....	1,350	0	0			
				4,919	5	0
By cash at Alliance Bank .....	2,363	9	6			
By cash on hand .....	25	18	10			
				2,389	8	4
				£91,829	6	0



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**THE METROPOLITAN PLATE GLASS INSURANCE COMPANY OF NEW YORK.**

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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

*President*—HENRY HARTEAU.

*Secretary*—THOMAS S. THORP.

*Principal Office*—61 Liberty St., New York City.

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CAPITAL.

Amount of capital stock paid up ..... \$100,000 00

ASSETS.

U.S. Government 4½ per cent. bonds of 1891—par value, \$135,000 ; market value.....	153,562 25
Cash on hand and in bank.....	10,525 11
Interest due and accrued.....	506 25
Gross premiums in due course of collection.....	6,797 03
Glass on hand to adjust losses.....	6,272 52
<b>Total assets.....</b>	<b>\$177,663 16</b>

LIABILITIES.

Net amount of unpaid losses.....	\$1,093 20
All other claims against the Company.....	3,178 60
Amount of unearned premiums.....	43,539 78
<b>Total liabilities.....</b>	<b>\$ 47,811 58</b>
Capital stock paid up.....	100,000 00
Surplus above all liabilities and paid up capital.....	29,851 58

INCOME DURING THE YEAR.

Net cash premiums received on risks.....	\$84,843 94
Interest and dividends from all sources.....	6,038 19
<b>Total cash income.....</b>	<b>\$90,882 13</b>

EXPENDITURE DURING THE YEAR.

Net amount paid for losses.....	\$30,969 60
Cash dividends paid.....	10,000 00
All other expenditure.....	40,610 28
<b>Total expenditure.....</b>	<b>\$81,579 88</b>

BUSINESS IN CANADA DURING THE YEAR.

Premiums received.....	\$863 97
Losses incurred.....	935 06
Losses paid.....	935 06

Withdrew from the Dominion, August 1st, 1882.

Subscribed and sworn to, 23rd January, 1883, by

HENRY HARTEAU,  
*President.*  
THOS. S. THORP,  
*Secretary.*

(Received 25th January, 1883.)

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**THE BOILER INSPECTION AND INSURANCE COMPANY OF CANADA.**


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STATEMENT FOR THE YEAR ENDING 31ST DECEMBER, 1882.

President—SIR ALEXANDER CAMPBELL. | Secretary—A. FRASER.

Agent—W. B. McMURRIE. | Principal Office—Toronto.

(Organized or incorporated 8th April, 1875. Commenced business in Canada  
9th October, 1875.)

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**CAPITAL.**

Amount of joint stock capital authorized.....	\$500,000 00
Amount subscribed for.....	100,100 00
Amount paid up in cash.....	20,020 00

(For List of Shareholders see Appendix.)

\*Stocks and bonds held by the Company, viz:—

	Par Value.	Market Value.
Western Assurance Co .....	\$4,600 00	\$7,176 00
Building and Loan Co.....	2,500 00	2,575 00
Imperial Loan Co's stock .....	3,900 00	4,407 00
Imperial Loan debentures.....	5,000 00	5,000 00
Deseronto debentures.....	3,000 00	3,000 00
Total par and market value.....	<u>\$19,000 00</u>	<u>\$22,158 00</u>
Carried out at market value.....		\$22,158 00
Cash on hand at head office.....		427 40
Cash in Federal Bank.....		1,021 88
Interest accrued and unpaid.....		441 00
Agents' balances.....		2,091 66
Office furniture and Inspectors' appliances.....		403 02
In hands of Inspectors for travelling.....		146 75
Special services rendered but not yet paid.....		405 10
Total assets.....		<u>\$27,094 81</u>

**LIABILITIES.**

Reserve of unearned premiums on all outstanding risks in Canada.....	\$7,825 99
Total liabilities.....	<u>\$7,825 99</u>
Capital stock paid up in cash.....	<u>\$20,020 00</u>

\*Of these there are deposited with the Receiver-General (par value) \$1,600 Western Assurance stock; \$3,900 Imperial Loan stock, and \$5,000 Imperial Loan debentures.

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BOILER INSPECTION AND INSURANCE—Continued.

## INCOME.

Gross cash received for premiums .....	\$15,358 20
Deduct re-insurance, rebate, abatement and return premiums .....	345 79
Net cash received for premiums ... ..	\$15,012 41
Received for interest and dividends on stock, &c .....	802 61
Furnishing plans and specifications of boilers, superintending construction and setting of do, and for special inspections.....	1,708 42
Total income.....	\$17,523 44

## EXPENDITURE.

Amount paid during the year for losses .....	\$5,039 00
Commission or brokerage.....	916 21
Salaries, fees and all other charges of officials.....	7,401 39
Taxes.....	82 55
Miscellaneous payments:—Stationery and printing, \$313.46; postage, telegrams and petty cash account, \$207.02; office rent 12 months, \$300.30; travelling expenses, \$2,050.30; advertising account, \$435.60; special inspections in Maritime Provinces, \$56.41; vote to President and Directors, \$1,103.99; sundries, including office furniture, Parliamentary expenses, lawyers' and auditors' fees and sundry small accounts, \$494.94. Repayments to policy-holders in Montreal, charges made by City Inspector under By-law, \$120.00..	5,082 02
Total expenditure.....	\$16,521 17

## CASH ACCOUNT.

*Dr.*

1881.	
Dec. 31.—To balance in hand and in banks as at this date.....	\$2,755 92
1882.	
Dec. 31.—To Income as above.....	17,523 44
To received from realization of investments.....	5,694 00
	\$25,973 36

*Cr.*

1882.	
Dec. 31.—By expenditure during year as above.....	\$16,521 17
By investments during year .....	8,000 00
By sundry other payments .....	2 91
By balance in hand and in banks this date.....	1,449 28
	\$25,973 36

BOILER INSPECTION AND INSURANCE—*Concluded.*

RISKS AND PREMIUMS.

	No.	Amount.	Premiums thereon.
Gross policies in force at date of last statement,.....	373	995,850	11,657 87
Taken during the year—new.....	164	475,153	6,317 97
do do renewed,.....	299	802,880	9,324 01
<b>Total.....</b>	<b>836</b>	<b>2,273,883</b>	<b>27,309 85</b>
Deduct terminated.....	373	995,850	11,657 87
<b>Gross and net in force 31st December, 1882.....</b>	<b>463</b>	<b>1,278,033</b>	<b>15,651 98</b>
<b>Total number of policies in force at date.....</b>	<b>463</b>		
<b>Total net amount in force.....</b>			<b>\$1,278,033 00</b>
<b>Total premiums thereon.....</b>			<b>15,651 98</b>

Subscribed and sworn to, 24th April, 1883, by

JOHN L. BLAIKIE,  
*Vice-President.*

A. FRASER,  
*Secretary.*

(Received, 25th April, 1883.)

**LIST OF ACTS RELATING TO INSURANCE, PASSED AND ASSENTED  
TO, FIRST SESSION, FIFTH PARLIAMENT, 46 VICTORIA, 1883.**

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**An Act respecting the Citizens' Insurance Company of Canada.**

**An Act to empower the National Insurance Company to wind up its affairs and relinquish its charter, and to provide for the dissolution of the said Company.**

**An Act further to reduce the Capital Stock of the Quebec Fire Assurance Company.**

**An Act to incorporate "The Manitoba and North Western Fire Insurance Company."**

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APPENDIX.



**LIST OF SHAREHOLDERS.**

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## THE ACCIDENT INSURANCE COMPANY OF NORTH AMERICA.

## LIST OF STOCKHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in cash.
		\$	\$
Campbell, Robt.....	Montreal.....	5,000	1,000
Dunn, T. H.....	Quebec.....	500	500
Galt, Sir A. T.....	Montreal.....	13,500	2,700
Garneau, Pierre.....	Quebec.....	500	100
Hatton, J. C.....	Montreal.....	1,000	200
Lewis, F. J.....	Peterboro.....	500	500
Mackay, Edward.....	Montreal.....	5,000	5,000
MacDougall, D. L.....	do.....	7,500	1,500
Moore, Saml.....	Quebec.....	1,000	200
Moore, Wm.....	do.....	1,000	200
Mackenzie, Thos.....	Sorel.....	1,000	1,000
Rankin, John.....	Montreal.....	11,700	2,340
Reckie, Mrs. R. G.....	do.....	9,000	1,800
Ross, Jas. G.....	Quebec.....	5,000	1,000
Simpson, Wm.....	Montreal.....	1,000	200
Simpson, Dr. Thos.....	do.....	1,000	200
Scott, Henry.....	Quebec.....	500	500
Withall, Wm.....	do.....	2,000	2,000
Thomson, D. C.....	do.....	500	100
Michie, Jas.....	Toronto.....	2,500	500
Richardson, Dr. J. H.....	do.....	1,000	200
Ramsay, A. G.....	Hamilton.....	400	80
Smith, Hon. D. A.....	Montreal.....	1,000	200
Sanford, W. E.....	Hamilton.....	100	20
Alexander, Wm.....	Toronto.....	2,500	2,500
Kenney, Thos. E.....	Halifax.....	200	40
Stairs, Hon. W. J.....	do.....	200	40
Burns, Adam.....	do.....	200	40
Robertson, Jas.....	Montreal.....	1,000	200
Blaikie, J. L.....	Toronto.....	2,000	2,000
Rendell, J. M.....	Montreal.....	2,000	400
Nicholson, J. M.....	St. John, N.B.....	500	100
Ferrier, Hon. Jas.....	Montreal.....	20,500	6,500
Anderson, Robt.....	do.....	4,500	4,500
Nicholson, Robt.....	do.....	5,300	3,700
Foster, A. M.....	do.....	2,000	400
Beattie, Jno.....	do.....	2,500	500
Metcalf, Mrs. C.....	do.....	500	340
Hoskii, John.....	Toronto.....	2,500	2,500
Mickle, Miss S.....	do.....	2,500	2,500
Jacques, Jno.....	do.....	2,500	2,500
Stewart, Mrs. R.....	Southampton.....	500	500
Young, Prof. G. T.....	Toronto.....	2,000	2,000
Vernon, E. E. H.....	Rosedale, Yorkville, Toronto.....	2,000	2,000
Woodward, C.....	Toronto.....	2,500	2,500
Woodward, Mrs. H. R.....	do.....	2,500	2,500
Dow, Robert.....	do.....	1,000	1,000
Dalgleish, Jno. M.....	do.....	500	500
Smith, Prof. G.....	do.....	3,000	3,000
Elliott, Jno. Gilbert.....	do.....	2,500	2,500
Scott, Miss K. S.....	do.....	2,000	2,000
Scott, Jas.....	do.....	2,500	2,500
McNabb, Mary.....	Southampton.....	500	500
Osborne, Jas. Kerr.....	Branford.....	3,000	3,000
Henry, Thos. B.....	Beamsville.....	2,000	400
Laidlaw, Geo.....	Toronto.....	500	500
Thomas, Wm.....	do.....	500	500
Stayner, T. S.....	do.....	15,000	10,200
Thompson, Thos. M.....	do.....	2,500	2,500



ACCIDENT—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for	Amount Paid up in Cash.
		\$	\$
Collard, Est., Jas .....	Montreal .....	2,000	2,000
Smith, Dr. L. M. ....	Toronto .....	2,000	2,000
Alexander, Jas. ....	do .....	2,500	2,500
Stevenson, Mrs. M. ....	do .....	500	100
Leonard, Francis .....	Montreal .....	500	100
Nash, Fredk .....	do .....	5,000	1,000
Geddes, Gamble .....	Toronto .....	400	80
Powell, Mrs. B. ....	Port Dover .....	400	400
Reid, John Y. ....	Toronto .....	2,500	2,500
Hoskin, Eliza Jessie .....	do .....	600	600
Hoskin, Alfred and Williamson, J. J., Executors .....	do .....	1,200	1,200
Murray, Rev. Wm. ....	New Carlisle .....	700	700
Cochrane, Jno .....	Brockville .....	3,000	1,400
Lewin, Hon. J. D. ....	St. John, N.B. ....	1,000	1,000
Macpherson, Hon. D. L. ....	Toronto .....	7,500	7,500
Lewis, Francis .....	Peterboro' .....	1,000	200
Gzowski, Col. C. S. ....	Toronto .....	6,000	6,000
Ramsay, Wm .....	do .....	3,000	3,000
McPhail, Emily M. ....	Montreal .....	1,000	200
Hamilton, Rev. Robt. ....	Motherwell .....	1,000	1,000
Ireland, J. O. Neil. ....	Toronto .....	1,000	1,000
Stark, John .....	do .....	1,000	1,000
Thorburn, Jas. M. D. ....	do .....	1,000	1,000
Lailey, Thos .....	do .....	2,000	2,000
O'Donnell, Michael .....	do .....	2,500	2,500
Rawlings, Edwd. ....	Montreal .....	18,600	3,720
Macpherson, W. M. ....	Quebec .....	2,500	2,500
Roger, Walter M. ....	Ashburn .....	2,000	2,000
Martin, Mrs. R. ....	Toronto .....	1,000	1,000
Stewart, Mrs. Eliza .....	Dundee, Scotland .....	2,000	2,000
Canadian Bank of Commerce .....	Toronto .....	3,000	3,000
Bellhouse, Jas. G. ....	Montreal .....	1,000	200
Guardian Company of North America .....	do .....	8,500	8,500
Pyper, Geo. A., in trust .....	Woodstock Post Office, Ont.	2,500	2,500
Buchanan, W. J. ....	Montreal .....	1,000	200
Paton, J. ....	New York .....	1,000	1,000
	Total .....	261,000	157,000

## ANCHOR INSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Austin, James.....	Toronto.....	\$ 8,400	\$ 2,520
Allen, J. K.....	Newcastle.....	1,700	510
Bethune, R. H.....	Toronto.....	2,600	780
Breen, James, jun.....	Montreal.....	8,400	840
Briggs, Thomas.....	Kingston.....	8,400	2,520
Britton, B. M.....	do.....	8,400	2,520
Bunton, W.....	Burlington.....	8,400	2,520
Barrett, R. G.....	Toronto.....	5,000	500
Burns, John.....	do.....	7,500	2,250
Cartwright, James S.....	Napanee.....	4,200	1,260
Cartwright, John R.....	Cobourg.....	4,200	1,260
Cluxton, W.....	Peterboro'.....	3,400	1,020
Coffee, J., & Co.....	Toronto.....	8,400	2,520
Cooke, Wm.....	do.....	16,800	3,360
Copp, Clark & Co.....	do.....	4,200	420
Davidson, D.....	do.....	5,000	1,500
Downey, John.....	do.....	8,400	840
DeWolf, Thomas L.....	Halifax.....	5,000	1,500
Downey, R., & Bro.....	Napanee.....	1,200	360
Dundas, J. E.....	Lindsay.....	4,200	1,260
Elliott, Wm.....	Toronto.....	16,800	5,040
English, C. E.....	do.....	28,600	8,580
Fisher, D.....	do.....	3,400	1,020
Fulton, A. T.....	do.....	7,500	2,250
Fraser, George.....	Halifax.....	5,000	900
Gzowski, C. S.....	Toronto.....	16,800	5,040
Gillespie, John.....	do.....	8,400	1,400
Godson, A. W.....	do.....	4,200	1,260
Gould, C. H.....	Montreal.....	1,700	510
Howland, Sir W. P.....	Toronto.....	16,800	5,040
Hay, Robert.....	do.....	8,400	2,520
Hargraft, Wm., M.P.P.....	Cobourg.....	5,900	1,770
Howland, W. H.....	Toronto.....	16,500	4,950
Hughes, J. W.....	Schomberg.....	3,600	1,080
Hargraft, George R.....	Cobourg.....	2,500	750
Jarvis, C. E. L.....	St. John, N.B.....	3,000	900
Jarvis, W. M.....	do.....	3,000	900
Jarvis, C. E. L.....	do.....	3,000	900
Kirkpatrick, George A.....	Kingston.....	8,400	2,520
Kirkpatrick, J. C.....	Goderich.....	1,000	300
Laidlaw, D.....	Toronto.....	5,000	1,500
Laidlaw, J. D.....	do.....	3,400	1,020
Low, Philip.....	Pictou.....	1,700	510
MacPherson, Hon. D. L.....	Toronto.....	8,400	2,520
MacLennan, James.....	do.....	8,400	2,520
Mathews, W. D.....	do.....	7,500	2,250
Meyers, A. H.....	do.....	2,600	780
Magor, John.....	Montreal.....	4,200	1,260
McCabe, Wm.....	Toronto.....	25,200	2,520
McCabe, John.....	do.....	8,400	840
Nicholson, R.....	do.....	5,000	1,500
Price, Cornelius V.....	Kingston.....	4,200	1,260
Paint, Henry, N., M.P.....	Halifax, N.S.....	5,000	1,500
Roaf, W. & J. R.....	Toronto.....	8,400	840
Robson, John J.....	Newcastle.....	1,000	300
Ross, A. M.....	Goderich.....	900	270
Raphael, T. W.....	Montreal.....	1,700	170
Ruby, W. H.....	Port Elgin.....	3,400	1,020
Smith, G. F.....	St. John, N.B.....	3,000	900

ANCHOR—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Smith, Thompson.....	Toronto.....	5,000	1,500
Smith, E. A.....	do.....	5,000	1,500
Smith, Larratt W., D. C. L.....	do.....	7,500	2,250
Stuart John.....	Hamilton.....	8,400	2,520
Simpson, Hon John.....	Bowmanville.....	1,000	300
Scott & Walmsley.....	Toronto.....	6,800	2,040
Scott, Jas.....	do.....	6,800	2,040
Troop, H. D.....	St. John, N.B.....	3,000	900
Turner, James.....	Hamilton.....	8,400	2,520
Trew, T. E. P.....	Kincardine.....	200	20
Vindin, E. S.....	Port Hope.....	8,400	2,520
Waldie, John.....	Wellington Square.....	8,400	2,520
Whitehead, C. J.....	Toronto.....	1,700	170
Yates, Horatio.....	Kingston.....	8,400	2,520
Younie, Abraham.....	Darlington.....	3,400	1,020
<b>Total.....</b>		<b>7478,100</b>	<b>2125,710</b>

## THE BOILER INSPECTION AND INSURANCE COMPANY OF CANADA.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Aylsworth, W. R.....	Napanee.....	1,000	200
Bate, C. T.....	Ottawa.....	5,000	1,000
Bell, John.....	Belleville.....	2,000	400
Benney, Robt.....	Montreal.....	2,000	400
Blaikie, John L.....	Toronto.....	2,400	480
Campbell, Sir Alex.....	Ottawa.....	12,900	2,580
Carter, R. C.....	Kingston.....	2,600	520
Carter, R. C. (in trust).....	do.....	1,000	200
Clements, S. T.....	Napanee.....	300	60
Caruthers, J.....	Kingston.....	1,000	200
Currie, Neil.....	Toronto.....	1,500	300
Davies, Thos.....	do.....	1,000	200
Diamond, Mrs. M.....	Napanee.....	500	100
Downey, R. & Bros.....	do.....	500	100
Gildersleeve, C. F.....	Kingston.....	3,300	660
Gildersleeve, J. P.....	do.....	2,000	400
Gildersleeve, Lucretia.....	do.....	1,000	200
Harvey, John.....	Hamilton.....	7,600	1,520
Miller, W.....	Napanee.....	1,000	200
Morden, A. L.....	do.....	500	100
McMurrich, Hon. John.....	Toronto.....	4,400	880
McMurrich, W. B.....	do.....	2,500	500
McNeill, A.....	Napanee.....	1,000	200
Pollock, Peter M.....	Kingston.....	100	20
Rathbun, Mrs. Bunella.....	Deseronto.....	13,000	2,600
Rathbun, F. S.....	do.....	1,000	200
Rathbun, Mrs. Louisa S.....	do.....	5,000	1,000
Rathbun, E. W.....	do.....	11,800	2,260
Rathbun, E. W. (in trust).....	do.....	2,000	400
Reeve, W. A.....	Napanee.....	300	60
Upton, E. M. (in trust).....	Charlotte, N. Y.....	5,400	1,080
Waterous, C. H.....	Brantford.....	1,000	200
Wilkes, G. H.....	do.....	1,000	200
Wilkinson, W. H.....	Napanee.....	2,000	400
Woon, Robt.....	Oshawa.....	1,000	200
<b>Total.....</b>		<b>\$100,100</b>	<b>\$20,020</b>

## BRITISH AMERICA ASSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount subscribed and paid up in Cash.
		\$
Anderson, Julia, and Alfred C. Cooch, Executors...	Toronto .....	1,250
Atkinson, Mrs. Mary.....	Markham .....	3,800
Armstrong John .....	Tallenper, Ireland.....	1,900
Austin, Jas., and R. H. Bethune, in trust.....	Toronto .....	1,500
Allan, Daniel H.....	do .....	500
Anderson, John.....	do .....	700
Ball, Jno. E. & G. H., Executors.....	Hamilton .....	600
Bethune, Mrs. Unagh.....	Thorold .....	3,000
Bernard, Hewitt.....	Ottawa .....	1,400
Buntin, Alexander.....	Montreal.....	14,250
Boswell, Mrs. Charlotte.....	Ottawa .....	1,350
Boyd, George.....	Toronto .....	9,550
Ball, F. A.....	do .....	200
Birnie, Mrs. G. J.....	Brantford.....	700
Baines, Chas. Edw.....	do .....	100
Betley, Mrs. D. E.....	Toronto .....	3,500
Barton, Hon. G. W.....	do .....	500
Baines & Cumberland, in trust.....	do .....	600
Brodie & Denison, in trust.....	do .....	54,350
Carey, J. P.....	Not known .....	50
Cathcart, Robt.....	do .....	50
Cartwright, Jas. T., Trustee.....	Toronto .....	600
Cayley, Hon. Wm.....	do .....	2,600
Campbell, Duncan.....	Simcoe .....	1,250
Cayley, Rev. Jno. D.....	Toronto .....	4,000
Cayley, F.....	do .....	1,500
Cayley, B.....	do .....	50
Cayley, Jno.....	do .....	2,100
Cayley, Mrs. Jane E.....	do .....	500
Cartwright, Jno. R.....	do .....	300
Cawthra, Joseph.....	do .....	1,750
Cawthra, Henry, Executor.....	do .....	1,750
Cartwright, Jno R., in trust .....	do .....	1,250
Cross, Mrs. Mary.....	St. Catharines.....	3,200
Cox, Mrs. Ann T.....	Paris .....	400
Clark, T. B.....	Toronto .....	900
Clark, Andrew.....	Bullock's Corners .....	1,000
Clark, James.....	do .....	1,400
Colquhoun, E. A., in trust.....	Hamilton.....	3,550
Copeland, Wm.....	Toronto .....	2,500
Duggan, E. H.....	do .....	500
Duckett, Chas.....	do .....	2,500
Douse, Rev. Jno.....	Lefroy .....	2,000
Dunbar, Mrs. T. A.....	Yorkville .....	5,000
Dit, Bienville, E. L., Estate of.....	Toronto .....	500
Dit, Bienville, Mrs. D. L.....	do .....	3,500
Dunlop, H. C.....	Goderich.....	2,100
Elliott, Christopher.....	Not known.....	800
Falls, W. L., Executor.....	Buffalo .....	350
Fulljames, Mrs. Mary, Executrix.....	Yorkville.....	550
Furniss, E. L.....	Montreal.....	2,000
Fyfe, Mrs. R. S.....	Woodstock .....	1,800
Forbes, H. R.....	Toronto .....	2,500
Forbes & Leronsbrough.....	do .....	400
Forbes, H. R., in trust.....	do .....	200
Fisher, Alex.....	do .....	1,000
Ferrie, C. & W. F. Burton.....	Hamilton .....	500
Gardiner, Samuel.....	Not known.....	50
Glascott, Mrs. Mary .....	Toronto .....	2,700

## BRITISH AMERICA—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount subscribed and paid up in Cash.
		\$
Grassett, Rev. H. T., Estate of.....	Toronto .....	2,700
Gowan, Jas. R.....	Barrie.....	1,800
Greene, Mrs. R. & C. H. Greene, Executors.....	Toronto .....	1,250
Gunn, G. M.....	London .....	500
Gray, Rev. James.....	Port Stanley .....	1,000
Gordon, Wm.....	Toronto .....	1,150
Gibbs, Mrs. E. M.....	Quebec.....	1,500
Gamble, C. & H. D., in trust.....	Toronto .....	750
Griffin, Mrs. Hannah.....	Guelph.....	1,000
Gill, Mrs. Caroline.....	Toronto .....	200
Howarth, Chas. W.....	do .....	1,500
Harris, Miss M. A.....	do .....	1,000
Hamilton, Hon Jno., A. S. Kirkpatrick and G. Hamilton, Trustees.....	Kingston.....	250
Hime, H. L. & Co.....	Toronto .....	2,500
Heyden, Laurence, Estate of.....	do .....	50
Home Savings and Loan Company, Limited.....	do .....	75,850
Harris, A. B.....	Credit .....	400
Howe, E. D.....	Toronto .....	600
Junkin, S. S.....	St. Catharines.....	1,250
Jackson, Jno. Jun.....	Toronto.....	600
Kirkpatrick, A. T., and Geo. A. Kirkpatrick, Executors.....	Kingston.....	650
Kent Testimonial Fund .....	Toronto .....	150
Kinghorn, G. M.....	Montreal.....	5,300
Leslie, Wm.....	Not known.....	100
Leslie, James.....	Toronto .....	1,250
Lee, W. S.....	do .....	200
Lyman John.....	do .....	9,400
Long Bros.....	Collingwood .....	5,000
Lee, W. S., Trustee for Estate of Thos. Bell.....	Toronto .....	300
Lister, Thos., Executor for Jane Massu.....	Hamilton.....	750
Leys, John.....	Toronto .....	2,500
Myers, Augusta.....	do .....	2,500
Mountain, Rev. J. S. S.....	Morrisburg .....	4,800
Macdonell, W. J.....	Toronto .....	250
Milne, Mrs. Elizabeth.....	Markham.....	2,000
Musson Miss M. A.....	Toronto .....	1,250
Miller, J. W.....	do .....	50
Macdonald, John.....	do .....	800
Marling, T. W. B.....	Hamilton.....	50
Macdonell, Mrs. C.....	Toronto .....	600
Macaulay, Miss C. J.....	Kingston .....	500
Morison, John.....	Toronto .....	10,000
Mackerchar, Donald.....	Chicago.....	50
Morphy, Geo. & H., & S. C. Halden, Executors.....	Toronto .....	900
Meredith, Arthur.....	do .....	1,000
May, Samuel.....	do .....	2,500
Moore, Hugh.....	Dundas.....	2,600
McKay, George.....	Not known.....	100
McCracken, Wm.....	Toronto .....	50
McCallum, Finlay.....	Milton.....	250
McLellan, Hugh.....	Montreal.....	10,500
McLennan, Jno.....	Lancaster.....	10,000
McCalla, Wm. Jas.....	St. Catharines.....	5,000
McNachtin, Mrs. J. H.....	Cobourg.....	400
Northcote, Richard.....	Toronto .....	50
Northrop, H. S.....	do .....	9,350
O'Reilly, Mrs. Elizabeth.....	do .....	150

BRITISH AMERICA—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount subscribed and paid up in Cash.
		\$
O'Reilly, Miss H. R.....	Toronto .....	100
Osborne, Jas. Kerr.....	Brantford .....	4,000
Osborne, Mrs. Minnie.....	do .....	2,500
Paterson, Mrs. Jane.....	Bowmanville .....	500
Paterson Thomas.....	do .....	600
Paterson, Peter .....	Blantyre Park.....	13,000
Phippa, J. Albert .....	Belleville .....	5,000
Paterson, Rev. T. W.....	Deer Park.....	4,000
Paterson, Mrs. Mary.....	Toronto.....	500
Robson, Edward.....	Not known.....	100
Rogers, Janet, N., Executrix.....	Toronto.....	700
Richardson, Jas. H., Executor.....	do .....	100
Reid, Mrs. Wm.....	do .....	150
Rutherford, E. H.....	do .....	6,000
Ridout, J. D.....	do .....	2,000
Rothwell, Jno. E.....	Hastings.....	500
Rowell, Henry.....	England.....	1,200
Rowell, Mrs. Elizabeth.....	do .....	500
Ramsay, Wm.....	Toronto.....	5,350
Robertson, Hugh.....	do .....	4,750
Russell, Mrs. Rosetta.....	do .....	1,850
Reid, John Y.....	do .....	3,000
Scott, James.....	Waubaushene.....	600
Stevenson, D. B.....	Not known.....	100
Scott, Jonathan.....	Toronto.....	600
Scott, Ann.....	Not known.....	400
Stewart, Robert.....	Toronto.....	500
Smith, John, Estate of.....	do .....	13,300
Strathy, H. S., in trust.....	do .....	23,800
Smith, Alexander.....	do .....	300
Steiner, N. L.....	do .....	4,750
Scadding, E. A.....	do .....	50
Smith, George.....	do .....	300
Scott, James.....	do .....	2,800
Thomas, Wm.....	do .....	1,250
Tilley, Mrs. Bessy.....	London.....	100
Thompson, Robert.....	Toronto.....	10,950
Turner, John.....	do .....	13,550
Thomson, Robert, in trust.....	Belleville.....	1,590
Taylor Henry.....	London.....	2,500
Taylor, Jno. H.....	Toronto.....	4,400
Wilson Sarah A., & Jas. H. Henderson, Executors.	Kingston.....	200
Weir, James.....	Not known.....	400
Wilson, John.....	do .....	400
Ward, Mrs. Jane, Estate of.....	Markham.....	2,300
Wilson, Chas. S.....	Picton.....	7,750
Wigham, Mrs. Elizabeth.....	Toronto.....	1,000
Wright, Rev. W. P.....	Hamilton.....	700
Wilgress George.....	Cobourg.....	550
Yarker, Geo. W., in trust.....	Toronto.....	2,000
Total .....		500,000

## CANADA FIRE AND MARINE INSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Allan, A McD.....	Goderich.....	500	50
Angus, Wm. M.....	Toronto.....	1,000	100
Armstrong, T. C. L.....	Winnipeg.....	3,000	300
Buchan, J. M.....	Toronto.....	30,000	3,000
Bruce, John A.....	Hamilton.....	10,000	1,000
Baxter, Thomas, Estate of.....	Burlington.....	5,000	500
Baker, Hugh C.....	Hamilton.....	3,000	300
Boice, John.....	Detroit, Mich.....	2,000	200
Botham, Thomas.....	Brantford.....	2,000	200
Beard, Charles L.....	Woodstock.....	1,000	100
Billings, W. L.....	Hamilton.....	2,000	200
Bullock, Martha.....	Paris.....	1,000	100
Buchan, Lawrence.....	Toronto.....	2,000	200
Bleasdel, W. H.....	do.....	3,500	350
Bossie, Henry & Co.....	Quebec.....	3,000	300
Blouin, Mathias, Trustee.....	do.....	1,000	100
Brodie, W. & R.....	do.....	1,000	100
Bell, Frank W.....	Orangeville.....	1,000	100
Coburn, H. P.....	Hamilton.....	5,000	500
Cameron, Charles.....	do.....	442,000	44,200
{ Chadwick, C. E.....	Ingersoll.....	35,000	2,850
{ Paid in Notes.....			650
Crawford, Samuel.....	London.....	2,000	200
Cruikshank, A. S.....	Hamilton.....	4,000	400
Cornwall, Ira, jun.....	Liverpool, Eng.....	5,000	500
Cowan, W. S.....	Stratford.....	1,000	100
Claris, George T.....	St. Thomas.....	2,000	200
Clark, Annie.....	Barrie.....	4,000	400
Campbell, W. D.....	Quebec.....	500	50
Cox, George A.....	Peterboro.....	2,000	200
Close, Patk. G.....	Toronto.....	3,000	300
Doherty, Judge.....	Sherbrooke.....	5,000	500
Davie, G. T.....	Lévis, Que.....	1,000	100
Duncan, Robert.....	Hamilton.....	2,000	200
Dallas, A. C.....	do.....	7,000	700
Duncan, Stuart & Co.....	do.....	3,000	300
Dickson, George.....	do.....	1,000	100
Dubeau, E. J.....	Quebec.....	200	20
Dakers, James.....	Montreal.....	1,000	100
Dodd, A. W.....	Moncton, N.B.....	1,000	100
Ellis, F.....	Brantford.....	2,000	200
Elliott, William.....	Toronto.....	5,800	580
Edwards, George D.....	Winnipeg.....	5,000	500
Edwards, D. C.....	Montreal.....	1,000	100
Foster, W. M.....	Guelph.....	1,000	100
Fraser, George.....	Windsor.....	2,000	200
Finkle, H. J.....	Woodstock.....	4,000	400
Fraser, J., and A. W. Angus, Trustees.....	Montreal.....	1,000	100
Fraser, John.....	do.....	1,500	150
Fraser, Alexander.....	Quebec.....	2,000	200
Foster, Charles.....	Hamilton.....	3,000	300
Foster, Mary E.....	Belleville.....	2,000	200
Fearman, F. W.....	Hamilton.....	5,000	500
Goodhue, Charles.....	London.....	10,000	1,000
Gadsby, Eli.....	St Catharines.....	1,000	100
Gamble, John W., Trustee.....	Amberley.....	500	50
Hurd, H. H.....	Hamilton.....	5,000	500
Hopkins, Obadiah.....	St. Catharines.....	1,000	100
Harris, William.....	Hamilton.....	5,000	500



## CANADA FIRE AND MARINE—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for	Amount Paid up in Cash.
		\$	\$
Husband, George E.....	Hamilton.....	2,000	200
Herron, Joseph.....	do.....	5,000	500
Hamilton, W. A.....	Collingwood.....	2,000	200
Hamelin, J. R. L.....	Quebec.....	1,000	200
Hope, R. K.....	Hamilton.....	3,000	400
Higinbotham & McLagan.....	Guelph.....	10,000	1,000
Hutchison, Robert A.....	Hamilton.....	1,000	100
Innes, James.....	Guelph.....	1,000	100
Jackson & Hallett.....	do.....	1,000	100
Kirkland, George.....	Mount Healey.....	5,000	500
Kavanagh, Walter.....	Montreal.....	5,000	500
Lee, George.....	Hamilton.....	5,000	500
Laidlaw, William.....	do.....	6,600	660
Long, James B.....	Owen Sound.....	1,000	100
Leslie, George H.....	Windsor.....	1,000	100
Lewis, John.....	Montreal.....	500	50
Moore, Lyman.....	Hamilton.....	5,000	500
Meakins, J. M.....	do.....	1,200	120
Magann, George.....	Toronto.....	10,000	1,000
Manson, William.....	Peterboro'.....	2,000	200
Moore, Daniel D.....	St. Catharines.....	1,000	100
Mills, W. H.....	Guelph.....	1,000	100
MacNab, W. H.....	Milton.....	2,000	200
Mitchell, Edward.....	Hamilton.....	5,700	570
Moore, Mrs. A. M.....	do.....	3,000	300
Murphy, E.....	Montreal.....	1,000	100
McCorkill, James.....	Quebec.....	1,000	100
Macdonald, D.....	Montreal.....	1,000	100
{ McKinnon, J. M.....	London.....	5,000	500
<i>Paid in Notes</i> .....			450
McWilliam, William, Trustee.....	Quebec.....	4,000	400
McMaster, W. J.....	Toronto.....	1,000	100
McGauveran, Tucker & McDonald.....	Montreal.....	1,000	100
Newton, Francis.....	Quebec.....	1,000	100
Neveux, Joseph.....	Windsor.....	1,000	100
O'Brien, Thomas F.....	Montreal.....	1,000	100
Osler, B. B.....	Toronto.....	11,000	1,100
Patterson, E. G.....	Hamilton.....	3,400	340
Parker, Thomas H.....	Woodstock.....	5,000	500
Petrie, Alexander B.....	Guelph.....	15,000	1,500
Patterson, Andrew.....	Hamilton.....	2,000	200
Palmer, L. L., Dr.....	Toronto.....	2,000	200
Roach, George.....	Hamilton.....	10,000	1,000
Rutherford, George.....	do.....	10,000	1,000
Reid, James.....	do.....	35,000	3,500
Robinson, H.....	Toronto.....	1,000	100
Rees, Daniel J.....	Montreal.....	2,000	200
Read, John.....	Stratford.....	1,000	100
Southam, William.....	Hamilton.....	10,000	1,000
Smith, Donald.....	do.....	5,000	500
Sutherland, George.....	Listowel.....	5,000	500
Skinner, J. A.....	Woodstock.....	5,000	500
Sinclair, J., Dr.....	Hamilton.....	1,000	100
Smith, Mrs. Edward.....	Toronto.....	9,300	930
Smith, Abraham.....	Goderich.....	1,000	100
Scott & Walmsley.....	Toronto.....	5,000	500
Simons, William.....	Quebec.....	1,000	100
{ Simpson, Thomas.....	Montreal.....	30,500	700
<i>Paid in Notes</i> .....			2,350

CANADA FIRE AND MARINE—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Thompson, D.....	Deans.....	\$ 5,000	\$ 500
Thompson, E.....	do.....	3,000	300
Thompson, K.....	Hamilton.....	5,000	500
Taylor, John.....	London.....	4,000	400
Taylor, William.....	do.....	2,300	230
Vernon, E., Dr.....	Hamilton.....	30,000	3,000
Winer, John.....	do.....	5,000	500
Whitlaw, Charles.....	Paris.....	1,000	100
Walker, B. E.....	New York.....	2,000	200
Weatherhead, G. H.....	Brockville.....	1,000	100
Winer, Sarah.....	Hamilton.....	5,000	500
Williams, M.....	Montreal.....	1,000	100
White, J. T.....	Kingston.....	11,000	1,100
	Total.....	1,000,000	100,200

## CANADA LIFE ASSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Cash.
		\$	\$
Algoma, The Bishop of .....	Yorkville .....	6,000	750
Allan, Andrew .....	Montreal .....	2,000	250
Ball, A. T. H. ....	Galt .....	7,200	900
Beacher, Mrs. Caroline .....	London .....	6,800	850
Bethune, R. H. ....	Toronto .....	50,000	6,250
Billings, W. L. ....	Hamilton .....	11,200	1,400
Black, Lewis S. ....	Montreal .....	800	100
Brodie, J. L. ....	Toronto .....	12,000	150
Brown, Adam .....	Hamilton .....	2,400	300
Bruce, Alexander .....	do .....	4,000	500
Bruce, A., & J. Bell, Executors of Estate of late John Young .....	do .....	20,000	2,500
Buchanan, W. J. ....	Montreal .....	6,000	750
Burton, Hon. Mr. Justice .....	Toronto .....	2,400	300
Burton, S. W. ....	Petersfield, Eng. ....	17,600	2,200
Burton, Miss S. E. M. ....	Toronto .....	6,800	850
Burton, Warren, F. ....	Hamilton .....	1,600	200
Burton, Mrs. M. R. ....	do .....	1,600	200
Cameron, Miss E. M. de B. ....	Toronto .....	32,800	4,100
Campbell, Hon. Sir A. ....	Ottawa .....	2,000	250
Cawthra, Mrs. A. C. ....	Toronto .....	16,000	2,000
Cowcher, Mrs. Mary .....	do .....	2,000	250
Cox, George A. ....	Peterboro' .....	48,400	6,050
Dillon, Mrs. M. M. ....	Cheltenham, Eng. ....	16,000	2,000
Dickinson, Mrs. W. G. ....	Hamilton .....	2,000	250
Durham, Miss E., Executors of Estate of... ..	London, Eng. ....	1,200	150
Durnford, C. D. ....	Guernsey .....	20,000	2,500
Durnford, Mrs. Charlotte .....	do .....	10,000	1,250
Durnford, John .....	do .....	3,200	400
Ewart, J. B., Estate of .....	Toronto .....	10,000	1,250
Ewing, Mrs. Jane R. ....	Hamilton .....	12,000	1,500
Ferrie, Campbell .....	do .....	2,000	250
Ferrie, Mrs. Emily .....	do .....	4,000	500
Forbes, Alex. McK. ....	Montreal .....	800	100
Finlay, William .....	Edinburgh, Scotland .....	8,000	1,000
Finlay, Mrs. C., Trustees of .....	do do .....	8,000	1,000
Faller, Mrs. C. ....	Hamilton .....	6,800	850
Gates, F. W. ....	do .....	8,000	1,000
Gates, F. W., and Adam Brown .....	do .....	7,200	900
Grasett, Estate of the Late Dean .....	Toronto .....	4,000	500
Grasett, Mrs. S. M. ....	do .....	5,200	650
Gzowski, C. S. ....	do .....	20,800	2,600
Hague, George .....	Montreal .....	400	50
Hamilton, Mrs. Helena .....	Melbourne .....	4,400	550
Hammond, H. C. ....	Toronto .....	6,000	750
Hendrie, William .....	Hamilton .....	8,000	1,000
Hills, R. ....	do .....	1,600	200
Henderson, James & Elmes .....	Toronto .....	16,000	2,000
Hodgins, Mrs. Anna .....	do .....	1,200	150
Hooper, Angus C. ....	Montreal .....	2,000	250
Howland, Hon. Sir W. P. ....	Toronto .....	400	50
Hudson, C. L., Estate of Late .....	do .....	2,800	350
Innes, Rev. Canon G. M. ....	London .....	8,000	1,000
Kerr, Mrs. Margaret A. ....	Galt .....	8,000	1,000
Kirkpatrick, Geo. A., M.P. ....	Kingston .....	400	50
Macadam, Mrs. H. E., Estate of Late .....	Hamilton .....	2,400	300
Macklem, Mrs. J. A., Estate of Late .....	Toronto .....	1,200	150
Macklem, Mrs. Charlotte .....	do .....	1,200	150
Macklem, Miss Jessie .....	do .....	1,200	150

CANADA LIFE—*Concluded.*  
LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Macklem, O. R.....	do .....	1,200	150
Macdonald, W. R.....	Hamilton.....	12,000	1,500
McCarthy, D'Alton, Q.C.....	Toronto.....	2,000	250
McInnes, Hon. Donald.....	Hamilton.....	4,000	500
MacKay, Miss Mary.....	Montreal.....	800	100
McLaren, W. P., Trust.....	Hamilton.....	64,000	8,000
MacNab, John, care of A. Bruce.....	do .....	20,000	2,500
MacNab, John, care of W. R. Macdonald..	do .....	18,800	2,350
MacNab, John, care of W. F. Findlay.....	do .....	19,200	2,400
Merritt, Nehemiah .....	Toronto.....	400	50
Merritt, Mrs. S. C.....	do .....	400	50
Merritt, Chas., Executors of Estate of Late	St. John, N.B.....	35,200	4,400
Mills, Francis H.....	Hamilton.....	16,000	2,000
Mills, James Holton.....	do .....	16,000	2,000
Moore, Dennis .....	do .....	8,000	1,000
Moore, Lyman .....	do .....	4,000	500
Osborne, James .....	do .....	4,000	500
Papps, George S.....	do .....	400	50
Pellat & Osler.....	Toronto.....	13,600	1,700
Plumb, T. S.....	do .....	800	100
Plumb, D. C.....	do .....	800	100
Porteous, Rev. John.....	Galt.....	400	50
Poussette, A. P.....	Peterboro'.....	2,000	250
Ramsay, A. G.....	Hamilton.....	26,000	3,250
Ramsay, W. M.....	Montreal.....	34,000	4,250
Ransom, W. W.....	Toronto.....	20,800	2,600
Rendell, G. Mortimer.....	Montreal.....	4,000	500
Riddel, John.....	Hamilton.....	400	50
Riordon, Charles.....	Merritton.....	7,600	950
Riordon, John.....	do .....	8,000	1,000
Ritchie, T. W., Q.C.....	Montreal.....	800	100
Rose, Miss Mary G.....	Niagara.....	800	100
Rutherford, Mrs. Mary.....	Edinburgh, Scotland.....	11,200	1,400
Robinson, Mrs. E. S.....	Toronto.....	800	100
Sharp, S., Estate of Late.....	Leamington, Eng.....	8,000	1,000
Spence, Hon. R., Estate of Late.....	Toronto.....	800	100
Street, James C., Estate of Late.....	Salisbury, Eng.....	16,000	2,000
Stuart, John.....	Hamilton.....	2,000	250
Swinyard, Thomas.....	do .....	8,000	1,000
Sidey, D. D.....	Montreal.....	2,000	250
Scone, James.....	} care of G. S. Papps, Hamilton.....	} Bengal Staff Corps.....	} 8,000
Richd. Jason Kerr.....			
John Thomson.....			
Todd, A. Thornton.....	Toronto.....	15,600	1,950
Todd, A. T., & McLennan, J., Trustees...	do .....	30,000	3,750
Torrance, Rev. Edward F.....	Peterboro'.....	2,400	300
Torrance, John, Estate of Late.....	Kilmarnock, Scotland.....	12,000	1,500
Thomas, F. Wolfertan.....	Montreal.....	4,000	500
Thomson, Mrs. E., trust, care of G. S. Papps.....	Hamilton.....	8,000	1,000
Usher, Mrs. Clara.....	Brantford.....	10,000	1,250
Yates, Henry.....	do .....	28,800	3,600
Young, Miss E. M.....	Hamilton.....	3,600	450
Young, Mrs. C. M.....	do .....	4,000	500
Young, George A.....	do .....	400	50
Young, John C.....	Detroit.....	4,000	500
Total.....		\$1,000,000	\$125,000

## THE CITIZENS' INSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

By-Law.—23rd. "The shares of this Company upon which any balance remains unpaid, whether such balance shall have been called up or not, shall only be transferred, and transfers thereof shall only be recognized and acknowledged by the Company after notice of the name, residence, and occupation of the person to whom such transfer is intended to be made shall have been given to the Secretary, and after the intended transfer to such person shall have been approved by the Board of Directors; and until such notice has been given and such transfer has been approved, no transfer shall be allowed to be entered upon the books of the Company or shall be recognized by the Company."

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Allan, Sir Hugh, Estate of late.....	Montreal.....	50,100	11,272
Allan Andrew.....	do.....	50,000	11,250
Abbott, Harry.....	do.....	8,300	1,868
Abbott, Hon. J. J. C.....	do.....	25,000	5,625
Anderson, Robert.....	do.....	10,000	2,250
Allard, Louis.....	do.....	2,500	562
Archambault, Louis.....	L'Assomption.....	5,000	1,125
Archambault, Mrs. Achille.....	do.....	2,000	450
Archambault, Trancrede.....	do.....	5,000	1,125
Archambault, Alexander.....	do.....	5,000	1,125
Archambault, Francois.....	do.....	5,000	1,125
Archambault, Camille.....	do.....	3,000	675
Archambault, Hermine.....	do.....	1,000	225
Archambault, Sara.....	do.....	1,000	225
Aikins, Hon. J. C.....	Toronto.....	1,000	225
Berthelot, Hon. Judge.....	Montreal.....	10,000	2,250
Brydges, Charles S.....	do.....	33,300	7,492
Bishop Bourget.....	do.....	10,000	2,250
Bellemare, Raphael.....	do.....	5,000	1,125
Brush, George.....	do.....	10,000	2,250
Barbeau, E. J.....	do.....	5,000	1,125
Bryson, Thomas M.....	do.....	5,000	1,125
Blackman, Charles S.....	do.....	5,000	1,125
Beaudry, F. X.....	do.....	25,000	5,625
Bastien, B.....	do.....	2,500	250
Biron, Jean B.....	do.....	5,000	1,125
Bigue, Victoria.....	Ottawa.....	1,000	225
Beauchamp, F. X.....	Montreal.....	2,500	562
Bellerose, Hon. J. B.....	St. Vincent de Paul.....	1,000	225
Bourque, Joseph.....	Henryville.....	1,000	150
Bruce, Charles.....	St. Zotique.....	2,500	562
Bramley, G. H., Estate of.....	Sorel.....	1,000	225
Bramley, Christina.....	do.....	1,000	225
Beaulieu, O. H.....	do.....	3,000	675
Brazeau, Casimer, sen.....	Montreal.....	5,000	675
Brazeau, Casimer, jun.....	do.....	5,000	500
Beaudoin, Camille.....	do.....	2,500	562
Brosseau, H. H.....	do.....	1,000	225
Belisle, T. G.....	do.....	2,500	562
Blondin, Achille.....	Bécancour.....	2,000	450
Baldwin, W. H.....	Quebec.....	1,000	225
Corse, Norton B.....	Montreal.....	10,000	2,250
Cramp, Thomas.....	do.....	10,000	2,000
Cantia, Augustin.....	do.....	10,000	2,250
Cassidy, John L.....	do.....	10,000	1,809
Choquet, A.....	do.....	1,000	225
Chevalier, Moise.....	L'Assomption.....	2,000	450
Chitic, Eugene.....	Quebec.....	1,000	225
Craik, Robert, M.D.....	Montreal.....	5,000	1,125
Donnelly, James.....	do.....	10,000	2,250

## CITIZENS'—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
David, Moses E.....	Montreal	\$ 5,000	\$ 1,125
Desmarteau, N.B.....	do	10,000	2,250
Day, John D.....	do	10,000	2,250
Dorion, P. A. A.....	do	5,000	1,125
Dubord, A.....	do	5,000	1,125
DeBassano, The Marchioness.....	France	7,000	1,575
Dufort, Denis, Estate of late.....	Montreal	2,500	562
Dupras, Calixte.....	do	5,000	1,125
Dupuis, François.....	do	5,000	1,125
Desjardins, L. A. E., M.D.....	do	5,000	1,125
Duplessis, Mrs. A. A.....	Ottawa	1,500	337
Dupuis, Pierre.....	Montreal	5,000	1,125
Dube, Alphonse.....	do	2,000	450
Estate late Hugh Fraser.....	do	10,000	2,250
Estate late Amable Prevost.....	do	5,000	1,125
Estate late Luke Moore.....	do	10,000	2,000
Estate late Hon. C. Wilson.....	do	5,000	1,125
Estate late John Pratt.....	do	20,100	4,522
Estate late Colin Campbell.....	do	5,000	1,125
Estate late George W. Warner.....	do	5,000	500
Estate late Hon. C. S. Rodier.....	do	10,000	2,250
Estate late L. J. Beliveau.....	do	10,000	1,000
Estate late J. B. Beaudry.....	do	5,000	1,125
Estate of Joseph Brunet.....	do	5,000	500
Estate of O. Dublois.....	do	5,000	500
Estate of Ephrem Hudon.....	do	5,000	500
Estate of Wm. McNaughton.....	do	10,000	1,000
Estate of Narcisse Valois.....	do	5,000	500
Estate of Jude Valois.....	do	2,900	290
Estate of Alexander Walker.....	do	8,300	1,132
Estate of Leblanc & Cassidy.....	do	5,000	500
Ewing, S. H. & A. S.....	do	1,000	225
Ennis, F. H.....	Ottawa	1,000	225
Evans, Mrs. Margaret.....	Montreal	10,000	1,000
Fauteux, Pierre A.....	do	10,000	2,250
Francis, Wm.....	do	5,000	1,125
Fisicault, H. A.....	Ottawa	1,000	225
Filteau, Louis H.....	do	1,300	225
Forneret, Chas. A., Estate of.....	Berthier	5,000	1,125
Fletcher, John.....	Rigaud	2,500	562
Foley, M. S.....	Montreal	10,000	2,250
Greene, E. K.....	do	10,000	2,250
Galarneau, P. M.....	do	5,000	1,125
Gravel et frères.....	do	5,000	1,125
Gravel, Joseph O.....	do	5,000	1,125
Gravel, J. O. (in trust).....	do	10,000	2,250
Girard, Hon. M.....	Winnipeg	1,000	225
Gilbault, Louis.....	L'Assomption	1,000	225
Hopkins, E. M.....	London, Eng.	28,300	6,367
Henderson, David H.....	Montreal	2,500	376
Hart, Gerald E.....	do	5,000	1,125
Jesse, Joseph.....	do	10,000	2,250
Jodoin, Amable, jun., Estate of.....	do	10,000	2,250
Jetté, Hon. L. A.....	do	5,000	750
Jacques Cartier Bank.....	do	10,000	2,250
Kay, Fred. W.....	do	35,000	5,200
Lyman, Henry.....	do	10,000	2,250
Laberge, A., et fils, Estate of.....	do	2,500	562
Laveille, Jos.....	do	5,000	1,125

CITIZENS'—Continued.

LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Laurier, Hon. Wilfrid.....	Ottawa.....	1,000	225
Latraverse, Régis.....	Sorel.....	1,000	225
Lamy, Thos.....	Yamachiche.....	1,000	225
Labine, Jules.....	Montreal.....	5,000	1,125
Lambert, Frs. X.....	Ottawa.....	1,000	225
Molson, J. H. R.....	Montreal.....	5,000	1,125
Masson, Damase, Estate of.....	do.....	10,000	2,250
Millard, Robert.....	do.....	10,000	1,000
Mercier, Joseph.....	do.....	5,000	1,125
Martin, Moise.....	do.....	5,000	1,125
Mallette, L. Z.....	do.....	2,500	562
Munro, Daniel, Estate of.....	do.....	5,000	1,125
Mathieu, Euclide.....	do.....	2,500	562
Mercier, Felix.....	do.....	2,500	562
Major, Geo. W., M.D.....	do.....	1,000	225
Moss, Geo. W.....	do.....	4,000	900
MacDonald, Duncan.....	do.....	10,000	2,250
Mackay, Joseph, Estate of.....	do.....	10,000	2,250
McCarthy, D. & G.....	Sorel.....	15,000	3,375
McCarthy, Catherine E.....	do.....	6,000	1,350
McDougall, James.....	Montreal.....	5,000	1,125
McGoun, Arch'd.....	do.....	5,500	1,237
McGarvey, Owen.....	do.....	5,000	1,125
McNally, W. H.....	Port Dover.....	1,000	225
McConville, Edward.....	Joliette.....	1,000	225
McKenzie, Thomas.....	Sorel.....	2,000	450
McKenzie, Chas. H.....	do.....	2,000	450
McCord, A. T., sen., Estate of.....	Toronto.....	1,000	225
McSweeney, Wm. B.....	Halifax.....	5,000	1,125
Nelson, H. A., Estate.....	Montreal.....	10,000	2,250
O'Leary, Patrick, M.D.....	do.....	1,000	225
Proctor, Chas. D.....	do.....	10,000	2,250
Pallascio, G.....	do.....	5,000	1,125
Poupart, Joseph.....	do.....	5,000	750
Provost, Arthur.....	do.....	5,000	1,125
Prefontaine, Toussaint.....	do.....	2,500	562
Pariseau, Damase.....	do.....	2,500	562
Roy, Adolphe.....	do.....	43,300	8,699
Rodier, C. S.....	do.....	9,000	2,025
Rae, Jackson.....	do.....	5,000	1,125
Rolland, J. B.....	do.....	5,000	1,225
Rolland, J. D.....	do.....	1,000	225
Rolland, S. J. B.....	do.....	1,000	225
Ramsay, Alexander.....	do.....	5,000	1,125
Rodier, P. A.....	do.....	1,700	382
Rasthoul, A.....	do.....	1,600	360
Reekie, R. Jas., Estate of.....	do.....	10,000	2,250
Russell, Alex., Estate of.....	Ottawa.....	1,000	225
Rosa, Joseph.....	Quebec.....	1,000	225
Richard, Edward.....	L'Assomption.....	4,000	900
Renaud, J. W., late Estate of.....	Joliette.....	2,500	562
Renaud, J. B.....	Quebec.....	1,000	225
Robillard, U. J.....	Beauharnois.....	2,000	400
Shepherd, R. W.....	Montreal.....	10,000	2,250
Sache, Wm.....	do.....	8,300	1,867
Stephen, George.....	do.....	9,000	2,025
Smith, Wm.....	do.....	10,000	2,250
Starnes, Hon. Hy.....	do.....	8,300	1,867
St. Charles, F. X.....	do.....	5,000	1,125

CITIZENS'—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Scholes, Francis.....	Montreal.....	10,000	2,250
Scholes, H. H.....	do.....	7,500	1,687
Smith, Hon. D. A.....	do.....	5,000	1,125
Sutton, Thomas.....	do.....	1,000	225
Trudel, E. H., M.D.....	do.....	5,000	1,125
Tourville, Louis.....	do.....	5,000	500
Turnbull.....	do.....	5,000	1,125
Villeneuve, Nazaire.....	do.....	10,000	2,250
Vinet, Fabien.....	Sault au Recollet.....	5,000	1,125
Vezina, Frs.....	Quebec.....	1,000	225
Workman, Thomas.....	Montreal.....	10,000	2,250
Wilson, Andrew, Estate.....	do.....	5,000	1,125
Wilson, Thomas.....	do.....	10,000	2,250
Whinfield, W. A.....	do.....	5,000	1,125
	Total.....	1,188,000	249,520

## List of Outstanding Calls in course of payment on the 31st December, 1882.

Name.	Amount.	Name.	Amount.
	\$ cts.		\$ cts.
Cassidy, J. L.....	640 32	Henderson, D. H.....	186 48
Estate of Leblanc and Cassidy.....	625 00	Tourville, Louis.....	625 00
Estate of Adolphe Roy.....	1,043 18	From estate Beliveau and others.....	250 00
		Total.....	3,369 98

## CALLS Settled by Notes.

Name.	Amount.	Name.	Amount.
	\$ cts.		\$ cts.
Oramp, T.....	250 00	Kay, F. W.....	2,675 00
Jetté, Hon. L. A.....	375 00		
		Total.....	3,300 00



## CONFEDERATION LIFE ASSOCIATION.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Abbott, Thos.....	Halifax.....	4,000	320
Allan, Andrew.....	Montreal.....	4,000	320
Bull, F. A.....	Toronto.....	20,000	1,600
Bain, R.....	do.....	10,000	800
Burpee, Hon. I., M.P.....	St. John, N.B.....	10,000	800
Boyd, Hon. Jno.....	do.....	5,000	400
Beaty, Jas., jr., Q.C.....	Toronto.....	5,000	400
Bassett, Thos.....	Bowmanville.....	5,000	400
Baird, Mrs. A.....	Toronto.....	10,000	600
Copp, Clark & Co.....	do.....	10,000	800
Carpmael, Chas.....	do.....	10,000	800
Carpmael, C., in trust.....	do.....	62,000	4,960
Cameron, A., in trust.....	Montreal.....	10,000	800
Dixon, B. Homer.....	Toronto.....	20,000	1,600
Daniel, T. W.....	St. John, N.B.....	5,000	400
Dunn, Jas. L.....	do.....	4,000	320
Elliott, W.....	Toronto.....	20,000	1,600
Fletcher Ashton.....	Woodstock.....	4,000	320
Franklin, S.....	Streetsville.....	40,000	3,200
Greene, Rev. A. H., Estate of, care of C.H.G.....	Toronto.....	10,000	800
Gravel, J. O.....	Montreal.....	5,000	400
Gibbs, W. H.....	Oshawa.....	91,000	7,280
Gibbs, Hon. T. N.....	do.....	5,000	500
Hooper, C. E.....	Toronto.....	10,000	800
Hingston, W. H.....	Montreal.....	10,000	800
Howard, A. McL.....	Toronto.....	10,000	800
Howland, Sir W. P.....	do.....	20,000	1,600
Hutchinson, Rebecca, care of J. McG. G.....	St. John, N.B.....	2,000	160
Hamilton, J. C.....	Toronto.....	5,700	406
Hooper, E.....	do.....	57,800	4,624
Hooper, E., in trust.....	do.....	85,000	7,200
Smith, Fk., & Mason, Jas., in trust.....	do.....	10,000	1,000
Jones, Simeon.....	St. John, N.B.....	4,000	320
Jones, Hon. T. R.....	do.....	4,000	320
Johnston, H. J.....	Montreal.....	11,000	780
Kenny, Sir E.....	Halifax.....	4,000	320
Kempt, J. C., & Bolster, L., in trust.....	Toronto.....	20,000	1,800
London and Can., Loan and Agency Co., in trust.....	do.....	12,500	1,250
Mason, W. T., Estate of.....	do.....	10,000	800
Mason, Jas. H.....	do.....	40,000	3,200
Mitchell, G.....	Halifax.....	4,000	320
Macdonald, C. E., care of J. K. Macdonald.....	Toronto.....	2,000	160
Macdonald, W.....	do.....	15,000	1,100
Macdonald, J. K.....	do.....	30,000	1,920
Macdonald, J. K., in trust.....	do.....	14,000	1,400
Macdonald, Francis.....	do.....	10,000	600
Mackay, Mrs. J.....	Montreal.....	10,000	600
McMaster, Hon. W.....	Toronto.....	38,000	3,040
McLean, J. S.....	Halifax.....	4,000	320
McMonagle, Augusta Executrix of Late McMonagle, H. C.....	Hampton, N.B.....	16,000	1,280
Nicholson, J. W.....	St. John, N.B.....	6,000	480
Nordmeier, S.....	Toronto.....	10,000	800
Fenny, E. Goff.....	Montreal.....	4,000	320
Peterson, P. A.....	do.....	22,000	1,760
Russell, J. P.....	Toronto.....	4,000	320
Winn, M. P.....	Montreal.....	10,000	800
Rees, D. J.....	do.....	1,000	80

CONFEDERATION—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Randolph, A. F.....	Fredericton, N.B.....	\$ 5,000	\$ 400
Reed, Richard.....	Bowmanville.....	5,000	400
Starr, Geo. H.....	Halifax.....	10,000	800
Sibbald, Miss F.....	Toronto.....	5,000	300
Turnbull, W. W.....	St. John, N.B.....	4,000	320
Tilton, Roberta E., care of John Tilton....	Ottawa.....	2,000	160
Vaughan, Henry.....	St. John, N.B.....	8,000	640
Wadsworth, Elizabeth.....	Weston.....	8,000	640
Wilson, Daniel.....	Toronto.....	20,000	1,600
Wilmot, Margaret E.....	Halifax.....	8,000	640
Young, Jas., M.P.P.....	Galt.....	20,000	1,600
Young, Rev. G. P.....	Toronto University.....	20,000	1,600
	Total.....	1,000,000	80,000

## DOMINION SAFETY FUND LIFE ASSOCIATION.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Chipman, Thos. A.....	St. John, N.B.....	1,000	520
Clinch, Chas. F.....	Musquash, N.B.....	15,000	7,800
Jemont, William.....	Fredericton, N.B.....	2,000	1,040
MacFarlane, Foster.....	Fairville, N.B.....	20,000	400
Skinner, Charles N.....	St. John, N.B.....	2,000	1,040
Spurr, James de Wolfe.....	do.....	35,000	18,200
Spurr, James de Wolfe, in trust.....	do.....	10,000	200
Steeves, James A. E.....	Lancaster, N.B.....	8,000	4,160
Sterling, A. A.....	Fredericton, N.B.....	2,000	1,040
Temple, Thomas.....	do.....	5,000	2,600
Thorne, Wm. Henry.....	St. John, N.B.....	15,000	7,800
VanWart, Wesley.....	Fredericton, N.B.....	5,000	2,600
	Total.....	120,000	47,400

## THE FEDERAL LIFE ASSURANCE COMPANY OF ONTARIO.

## LIST OF STOCKHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.	Amount Paid by Note:
		\$	\$	\$
Aikins, John.....	Brampton .....	10,000	1,000	
Aikins, M. H., M. D.....	Burnhamthorpe .....	10,000	1,000	
Austin, W. H.....	Trenton .....	10,000	1,000	
Agar, Amos.....	Brampton .....	6,000	600	
Atherton, A. B.....	Fredericton, N. B.....	1,000	100	
Barber, Robert.....	Streetsville .....	10,000	1,000	
Blanshard, Thomas.....	Nelson.....	10,000	1,000	
Bowes, Joseph W.....	Hamilton .....	10,000	1,000	
Beatty, James H.....	Thorold .....	5,000	500	
Burkholder, J. G. Y.....	Hamilton.....	10,000		1,000
Brock, Rev. Thomas.....	Mount Forest.....	1,000	100	
Birka, Rev. Wm.....	Blythe.....	1,000	100	
Benedict, H. I.....	Montreal, Que.....	1,000	100	
Breden, William.....	Kingston .....	5,000	500	
Brenton, John.....	Belleville .....	2,000	200	
Broddy, Sheriff.....	Brampton .....	2,000	200	
Bowes, John.....	Hamilton.....	5,000	500	
Bairds, H. P.....	Woodstock, N. B.....	1,000	100	
Boyd, Hon. John.....	St. John, N. B.....	1,000	100	
Chisholm, D. B.....	Hamilton.....	10,000	1,000	
Crawford, H. T.....	do .....	18,000	850	950
Coleman, Rev. Francis.....	do .....	7,000	700	
Cumming, Mrs. R. A.....	Brampton.....	5,000	500	
Crossley, Rev. H. T.....	Hamilton.....	3,000	300	
Chisholm, W. B.....	Oakville.....	5,000	500	
Clappison, Rev. D. C.....	Bartonville .....	2,000	200	
Cornish, Rev. George H.....	Burlington .....	1,000	50	
Cobb, Rev. Thomas.....	Clinton.....	1,000	100	
Carson, Rev. W. W.....	Hamilton.....	1,000	100	
Clement, Rev. Edwin.....	Trenton.....	3,000	300	
Colling, Rev. Thomas.....	London .....	2,500	250	
Chown, Edwin.....	Kingston .....	5,000	500	
Clarke, Wm. C., L.L.D.....	Belleville .....	10,000	1,000	
Clarke, R. B.....	Napanee.....	2,500	250	
Campbell, J. M.....	Montreal .....	500	50	
Dexter, David .....	Hamilton.....	11,000	1,100	
Delong, A. M.....	Lawrenceville .....	3,000	300	
Douglass, Geo., D.D.....	Montreal .....	5,000	175	
Downer, W. H. N.....	Glenavey, Ireland.....	2,000	121.90	78.10
Drysdale, W.....	Montreal .....	1,000	100	
Dowson, H. W.....	Brampton .....	2,000	200	
Dewart, Rev. E. H.....	Toronto .....	2,000	200	
Dever, James and Patrick.....	Fredericton, N. B.....	1,000	100	
Elliott, M. M.....	Brampton .....	5,000	500	
Evans, W. A.....	Milton.....	1,000		
Edgecombe, F. B.....	Fredericton, N. B.....	1,000	100	
Filman, Peter.....	Barton .....	10,000		1,000
Franklin, Miss S. J.....	Streetsville .....	5,000	500	
Forster, William.....	Brampton.....	5,000	500	
Fleming, D. G.....	Chatham .....	2,000	200	
Fairfield, B. C.....	St. Catharines.....	5,000	500	
Fleck, James.....	Montreal.....	2,500	250	
Forlong, Rev. Wm.....	Lachute, Que.....	5,000	500	
Fisher, A. S.....	Clinton.....	5,000	500	
Foster, Geo. E., M.P.....	Sussex, N. B.....	2,000	200	
Gray, James.....	Port Stanley.....	2,000	200	
German, Rev. J. F.....	Pictou.....	10,000	1,000	
Galbraith, Mrs. C.....	Montreal .....	5,000	500	
Gundy, Rev. James.....	Straffordville.....	2,000	200	

## FEDERAL LIFE—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.	Amount Paid by Note.
		\$	\$	\$
Goodwin, Rev. James.....	Carlisle .....	5,000	500	
Gaunce, W. G.....	Fredericton, N.B.....	500	50	
Gooderham, C. H.....	Toronto .....	10,000	1,000	
Hough, James .....	Guelph.....	10,000	1,000	
Hamilton Investment Co.....	Hamilton.....	10,000	1,000	
Haslett, Thomas C.....	do .....	10,000	500	
Howell, Isaac R.....	Jerseyville.....	10,000	1,000	
Howell, Obed.....	do .....	2,500	250	
Howell, Nelson.....	do .....	5,000	500	
Harris, Rev. James.....	Bartonville .....	5,000	500	
Holby, Thomas.....	Brampton .....	5,000	500	
Henderson, Rev. Wm.....	Kirkton .....	500	50	
Hanson, Rev. Chas. A.....	Ottawa.....	3,000	300	
Hall, F. A.....	Perth .....	5,000	500	
Hansford, Rev. Wm.....	Ottawa.....	10,000	1,000	
Hall, W. F.....	Napanee.....	2,500	250	
Hayden John .....	Cobourg .....	2,500	250	
Hanson, William.....	Montreal.....	2,500	250	
Huxley, Miss Mary.....	Hamilton.....	6,000	600	
Hanger, Ryland.....	do .....	5,000	500	
Hunter, William.....	do .....	3,000	300	
Henderson, Rev. W. C.....	Strathroy .....	1,000	100	
Irwin, James .....	Prescott .....	5,000	500	
Isaac, Richard .....	Salmon Point.....	500	50	
Jarvis, R. H.....	Hamilton.....	10,000	220	780
Jarvis, R. H., in trust.....	do .....	2,500		250
Kerns, Wm., M.P.P.....	Burlington .....	10 00	1,000	
Kettlewell, Rev. Wm.....	Hamilton.....	5,000	500	
Kinghorn, Wm.....	Douglas, N. B.....	1,000	100	
Lund, Wm.....	St. Thomas.....	5,000	500	
Land, John H.....	Hamilton.....	10,000	800	200
Laing, James.....	Burlington .....	50 0	500	
Land, Col. John.....	Hamilton.....	2,000	200	
Lord, James.....	Montreal.....	3,000	300	
Lucas, David.....	Appleby.....	1,000	100	
Leitch, Rev. R. H.....	Stirling .....	1,000	100	
Moore, Dennis.....	Hamilton.....	8,000	800	
Might, Samuel.....	Prescott .....	10,000	1,000	
Manly, J. G.....	Toronto .....	1,000	100	
Morris, Thomas.....	Hamilton.....	1,000	100	
McCallum, J. M.....	Weston .....	1,000	100	
McDonald, Judge.....	Brockville.....	2,500	250	
McCraney, Wm., M.P.....	Oakville.....	5,000	500	
McIntyre, Rev. Chas. E.....	Toronto .....	2,000	200	
McLeod, Hon. E.....	St. John, N.B.....	2,000	200	
Neihaus, Charles.....	Milton.....	5,000	500	
Potts, John, D. D.....	Toronto.....	10,000	500	500
Patrick, Sheriff.....	Brockville .....	10,000	1,000	
Pitceathly & Kelso.....	Belleville.....	2,000	200	
Raw, Robt., jun.....	Hamilton.....	10,000		1,000
Russ, Rev. A. E.....	Simcoe .....	7,000	700	
Ross, James S.....	London .....	2,000	105	
Richardson, Geo.....	Aylmer .....	1,000	100	
Reyner, A. H.....	Cobourg.....	2,500	250	
Richardson, James E.....	Granby, Que .....	10,000	1,000	
Scott, John G.....	St. Thomas.....	10,000	1,000	
Sutherland, H.....	Toronto .....	10,000	1,000	
Scott, Geo.....	St. Thomas.....	10,000	1,000	
Sutherland, D. G.....	do .....	10,000	1,000	

FEDERAL LIFE—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.	Amount Paid by Note.
		\$	\$	\$
Shaw, John.....	Peterboro'.....	10,000	1,000	
Smith, M. S.....	Brantford.....	5,000	500	
Shepperd, W. W.....	Muncey.....	1,000	100	
Scott, John.....	Leamington.....	1,000	100	
Smoke, S. O.....	Paris.....	2,000	200	
Senkler, Judge.....	Perth.....	5,000	500	
Sharp, L. N., M.D.....	Woodstock, N. B.....	1,000	100	
Stephens, Henry.....	Hamilton.....	2,000		
Teskey, Luke, M.D.....	Toronto.....	2,000	200	
Temple, Thomas.....	Fredericton, N. B.....	2,000	200	
Turnbull, W. W.....	St. John, N. B.....	1,000	100	
Van Wart, G. W.....	Woodstock, N. B.....	1,000	100	
Van Wart, James A.....	Fredericton, N. B.....	2,000	200	
Wakefield, Rev. John.....	Goderich.....	10,000	1,000	
Wilson, T. H., M.D.....	Hamilton.....	10,000	1,000	
Williams, Rev. Wm.....	Woodstock.....	10,000	1,000	
Willmott, Austin.....	Milton.....	10,000	1,000	
Willoughby, Rev. N. R.....	Brampton.....	10,000	1,000	
Wakefield, Mrs. L. J.....	Goderich.....	5,000	500	
Whipple, E. S., in trust.....	Hamilton.....	5,000	500	
Waddell, R. H.....	Galt.....	2,000	200	
Whipple, E. S.....	Hamilton.....	2,000	200	
Watson, W. C.....	Waterdown.....	1,000	100	
Wakefield, Daniel.....	Washington.....	1,000	100	
Wakefield, Miss M.....	do.....	500	50	
Warden, R. H.....	Montreal.....	2,500	250	
Whiting, Rev. Richard.....	Waterloo, Que.....	10,000	1,000	
Will, Rev. P. D.....	Belleville.....	3,000	300	
Wood, Josiah, M. P.....	Sackville, N. B.....	2,000	200	
Young, Fred.....	Hamilton.....	1,000	25	
Young, E. R.....	St. John, N. B.....	1,000	100	
	Total.....	700,000	62,896 90	5,758 10

## GUARANTEE COMPANY OF NORTH AMERICA.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Accident Ins. Co. of N.A.	Montreal	11,000	11,000
Ackerman, Wm. K.	Chicago	1,000	1,000
Alexander, William	Toronto	3,000	3,000
Almon M. B.	Halifax, N.S.	300	60
Aikins, Hon. J. C.	Toronto	1,000	200
Atkins, Elisha	Boston	5,000	5,000
Alexander, C. B.	New York	2,500	500
Budden, H. A.	Montreal	1,500	900
Bouthillier, Mad. F. G.	do	5,000	1,000
Burns, Adam	Halifax, N.S.	300	60
Brennan, Frans	Montreal	1,500	300
Blaikie, John L.	Toronto	6,000	2,800
Baldwin, Catherine R.	Quebec	2,500	2,500
Buchanan, W. J.	Montreal	1,000	200
Colquhoun, E. A.	Hamilton	1,000	200
Cronyn, Benjamin	London, Ont.	1,000	200
Campbell, Robert	Montreal	12,200	10,840
Crerar, John	Chicago	1,000	1,000
Cable, R. R.	do	1,000	1,000
Chafer, Z.	Providence, R.I.	1,000	1,000
Dixon, B. Homer	Toronto	5,900	5,000
Durnford Sophia M.	Montreal	400	400
Durnford, Maria B.	do	400	400
Drexel, J. W.	New York	10,000	10,000
Drayton, J. Coleman	do	15,000	3,000
Drae, John B.	Chicago	1,000	1,000
Dunlap, Geo. L.	do	1,000	1,000
Dean, Chas. Percy	Quebec	2,500	2,500
Durnford, A. D. and Elliot, James in trust.	Montreal	13,500	7,900
Elliot James in trust.	do	1,000	1,000
Fairweather, C. A.	St. John, N.B.	300	60
Ferrier, Hon. James	Montreal	65,500	17,100
Fisher D.	Toronto	4,000	800
Gibb, James D.	Montreal	1,500	1,500
Gzowski, Col. C. S.	Toronto	7,500	7,500
Galt, Sir Alex. T.	Montreal	55,000	11,000
Gunn, Geo. M.	London, Ont.	1,000	200
Geddes, Gamble	Toronto	1,500	300
Greene, E. H.	New York	10,000	10,000
Galt, Hon. Thos.	Toronto	10,000	2,000
Gregerson, Geo. W.	Boston	500	100
Greata, Mrs. Emily M.	Montreal	1,000	200
Hatton, J. Cassie	do	1,500	300
Hogan, Henry	do	750	150
Howland, Sir W. P.	Toronto	2,000	400
Hoskin, John	do	3,000	3,000
Hopkins, A. L.	New York	10,000	2,000
Hall, Miss Charlotte	Montreal	4,000	4,000
Hamilton, John J.	Quebec	2,500	2,500
Jesup, M. K.	New York	10,000	2,000
Jeffrey, Joseph	London, Ont.	1,000	200
Jones, Hon. J. Russel	Chicago	1,000	1,000
Kenny, Thos. E.	Halifax, N.S.	150	30
Lewin, Hon. J. D.	St. John, N.B.	300	300
Lindsay, R. A. in trust.	Montreal	6,000	1,200
Lewis, F. J.	Peterboro.	9,000	3,800
Loutrel, C. H.	New York	2,500	2,500
Morrice, D.	Montreal	3,000	600

GUARANTEE COMPANY OF NORTH AMERICA—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Murray, Estate of late Wm.....	Montreal.....	1,500	300
Michie, James.....	Toronto.....	3,000	600
Morton, G. K.....	St. Thomas.....	4,000	800
Macfie, D.....	London, Ont.....	1,000	200
MacDougall, H. S.....	Montreal.....	3,000	600
MacCulloch, Ferdinand.....	do.....	1,500	300
MacPherson, Hon. D. L.....	Toronto.....	12,500	12,500
MacDonald, Hon. D. A.....	Montreal.....	1,250	250
Mackintosh, J. C.....	Halifax, N.S.....	300	60
MacDougall, D. Lorn.....	Montreal.....	31,100	7,020
Maclean, W.....	Toronto.....	600	120
Minturn, R. B.....	New York.....	10,000	10,000
MacPherson, Wm. Molson.....	Quebec.....	2,500	2,500
Meredith, Henry.....	Toronto.....	5,000	1,000
McMaster, late A. R.....	do.....	4,000	4,000
Nordheimer, Samuel.....	Toronto.....	4,000	4,000
Nash Frederick.....	Montreal.....	1,000	200
Newcomb, H. V.....	New York.....	20,000	4,000
O'Brien, James.....	Montreal.....	2,500	500
Oswald Bros.....	do.....	1,000	1,000
Porter, H. H.....	Chicago.....	1,000	1,000
Paton, J.....	New York.....	2,500	2,500
Pell, A.....	do.....	2,000	2,000
Pulsford, J. E.....	do.....	5,000	5,000
Reekie, Mrs. J. R.....	Montreal.....	10,000	2,000
Robertson, Estate late of Andrew.....	do.....	1,500	300
Ross, James G.....	Quebec.....	6,000	1,200
Rendell, G. M.....	Montreal.....	5,000	1,000
Robertson, James.....	do.....	3,000	600
Riddell, Alex. F.....	do.....	3,000	600
Ramsay, William.....	Toronto.....	3,000	3,000
Rankin, John.....	Montreal.....	23,950	4,790
Rawlings, Edward.....	do.....	56,500	11,700
Rawlings, Edward in trust.....	do.....	6,400	1,280
Rae, Jackson.....	do.....	3,000	600
Ramsay, Wm. M.....	do.....	1,500	300
Simpson, Wm.....	do.....	1,500	300
Stammers, J. J.....	Toronto.....	1,200	240
Stidston, J. H.....	Port Colborne.....	1,200	240
Smith, Larratt W.....	Toronto.....	7,500	7,500
Smith, Professor Goldwin.....	do.....	7,500	7,500
Stark, John.....	do.....	1,500	1,500
Stayner, T. Sutherland.....	do.....	18,000	10,800
Sherman, B. B.....	New York.....	2,000	2,000
Smith, Hon. J. Gregory.....	St. Albans, Vt.....	5,000	5,000
Stevenson, W. P.....	New York.....	4,000	4,000
Smithers, Chas. F.....	Montreal.....	9,000	1,800
Strickland, Mrs. Caroline C.....	Lakefield.....	1,500	300
Thomson, Andrew.....	Quebec.....	2,500	2,500
Torrance, Daniel.....	New York.....	5,000	1,000
Taylor, Henry.....	London, Ont.....	1,500	300
Thomson, Geo. Hamilton.....	Quebec.....	4,300	4,300
Vermilye, J. D.....	New York.....	2,500	2,500
Waddell, Samuel.....	Montreal.....	700	700
Walker, James R.....	do.....	300	60
Walker, K. McLean.....	do.....	2,200	440
Woodman, J H.....	Ottawa.....	7,500	1,500
Withall, Wm.....	Quebec.....	6,000	6,000
Wiman, Erastus.....	New York.....	5,000	1,000
Winslow, Genl. E. T.....	do.....	5,000	1,000
Total.....		688,600	300,000



## THE LIFE ASSOCIATION OF CANADA.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed.	Amount Paid.
		\$	\$
James Turner .....	Hamilton.....	5,000	1,500
Alexander Harvey.....	do .....	5,000	1,500
H. T. Ridley, M.D.....	do .....	5,000	1,500
J. M. Williams .....	do .....	5,000	1,500
Donald McInnes.....	Cornwall.....	5,000	1,500
Alex McInnes.....	Hamilton.....	5,000	1,500
Alexander Turner.....	do .....	5,000	1,500
A. T. Wood.....	do .....	5,000	1,500
James Watson.....	do .....	5,000	1,500
Anthony Copp .....	do .....	5,000	1,500
W. B. McMurrich .....	Toronto.....	5,000	4,166 66
Edward Martin.....	Hamilton.....	5,000	1,500
Frederick O. Martin .....	do .....	5,000	1,500
Isaac B. McQuesten.....	do .....	5,000	1,000
Charles J. Williams .....	do .....	5,000	1,000
W. E. Sanford .....	do .....	5,000	1,000
W. F. Findlay.....	do .....	5,000	1,000
Francis McKelcan .....	do .....	5,000	1,500
John McCalla .....	St. Catharines .....	5,000	1,000
James Tasker.....	Montreal .....	5,000	500
John Waldie .....	Burlington.....	5,000	1,000
George M. Rae .....	Toronto.....	5,000	1,500
John M. Gibson .....	Hamilton.....	2,500	500
J. J. Mason .....	do .....	2,500	500
William Carey .....	do .....	2,500	500
Dennis Moore.....	do .....	2,500	500
W. R. MacDonald .....	do .....	2,500	500
do (in trust).....	do .....	2,500	500
A. Woolverton, M.D. ....	do .....	2,500	750
B. E. Osler .....	Toronto.....	2,500	500
W. D. Beardmore.....	do .....	2,500	500
Rev. H. Holland.....	St. Catharines.....	2,500	500
Henry Stephens (in trust).....	Hamilton.....	1,000	200
do do .....	do .....	1,000	200
R. K. Hope.....	do .....	1,000	200
John Martland .....	Toronto.....	1,000	200
John Harvey.....	Hamilton.....	5,000	1,500
J. F. Ellis.....	Toronto.....	5,000	1,000
W. J. McCalla .....	St. Catharines .....	5,000	1,000
Richard J. Duggan.....	Hamilton.....	1,000	200
Deborah Patton.....	Toronto.....	5,000	1,000
James Carlyle, M.D. ....	do .....	4,000	800
J. S. MacDonald.....	Halifax, N.S. ....	1,000	100
Ernest E. Kittson.....	Hamilton.....	2,500	750
H. B. Johnson.....	do .....	1,000	300
William Osborne.....	do .....	5,000	1,000
Duncan McArthur.....	Winnipeg .....	5,000	1,500
Elizabeth M. Gibson.....	Hamilton.....	2,500	500
Annie B. Osborne.....	do .....	1,000	200
do (in trust).....	do .....	1,000	200
Sarah E. Osborne.....	do .....	1,000	200
A. E. Mallock, M.D. ....	do .....	2,500	500
E. A. Colquhoun .....	do .....	1,000	300
H. D. Cameron.....	do .....	2,500	500
F. S. Mallock.....	do .....	4,000	800
David Burke .....	do .....	6,000	.....
	Total.....	200,000	50,066 66

## NORTH AMERICAN LIFE ASSURANCE COMPANY.

## LIST OF GUARANTORS.

Name.	Residence.	Amount of Guarantee Fund Subscribed for.	Amount Paid up in Cash.
		\$	\$
William Alexander .....	Toronto .....	2,000	1,200
Hon. G. W. Allan .....	do .....	2,000	1,200
J. L. Blaikie .....	do .....	2,000	1,200
John Burns.....	do .....	2,000	1,200
Hon. Edward Blake, M.P., Q.C.....	do .....	2,000	1,200
Hon. Isaac Burpee, M.P.....	St. John, N.B. ....	2,000	1,200
J. Blackburn.....	London.....	1,000	500
A. H. Campbell.....	Toronto .....	2,000	1,200
H. H. Cook, M.P.....	do .....	2,000	1,200
John Carruthers.....	Kingston .....	2,000	1,200
Sir R. J. Cartwright.....	do .....	2,000	1,000
Benjamin Cronyn.....	London.....	1,000	600
Hon. L. H. Davies, Q.C.....	Charlottetown, P.E.I. ....	2,000	1,200
William Gordon.....	Toronto .....	2,000	1,200
Edward Gurney, jun.....	do .....	2,000	1,200
A. Gunn, M.P.....	Kingston .....	2,000	1,200
B. B. Hughes .....	Toronto .....	2,000	1,000
Hon. Alex. Mackenzie, in trust for Executors of James Holden .....	do .....	2,000	1,000
Hon. A. G. Jones.....	Halifax, N.S.....	2,000	1,000
J. K. Kerr, Q.C.....	Toronto .....	2,000	1,200
G. A. Kirkpatrick, Q.C., M.P.....	Kingston .....	2,000	1,200
John N. Lake.....	Toronto .....	2,000	1,200
E. P. Lachapelle, M.D.....	Montreal .....	2,000	1,000
Col. Robert Lewis .....	London .....	1,000	500
Hon. D. A. Macdonald.....	Montreal .....	2,000	1,200
Hon. Alex. Mackenzie, M.P.....	Toronto .....	2,000	1,200
Hon. Alex. Morris, M.P.P.....	do .....	2,000	1,200
Benjamin Morton.....	do .....	2,000	1,200
E. A. Meredith, L.L.D.....	Rosedale, Toronto .....	2,000	1,200
John Morison.....	Toronto .....	2,000	1,200
John Macknald.....	do .....	2,000	1,000
Hon. Oliver Mowat, M.P.P.....	do .....	2,000	1,200
Hugh Mackay.....	Montreal .....	2,000	1,200
W. R. Meredith, M.P.P.....	London .....	1,000	500
Wm. McCabe, LL.B., F.I.A.....	Toronto .....	2,000	1,200
Hugh McLennan.....	Montreal .....	2,000	1,000
D. McCrae.....	Guelph.....	2,000	1,200
Hon. Gilbert McMicken, M.P.P.....	Winnipeg, Man .....	2,000	1,000
Hon. J. Norquay, M.P.P.....	do .....	2,000	1,000
James Paterson.....	Toronto .....	2,000	1,200
Andrew Robertson.....	Montreal .....	2,000	1,200
A. W. Ross, M.P.....	Winnipeg, Man.....	2,000	1,000
D. Regan.....	London.....	1,000	500
L. W. Smith, D.C.L.....	Toronto .....	2,000	1,200
A. M. Smith.....	do .....	2,000	1,000
James Scott.....	do .....	2,000	1,200
H. S. Strathy.....	do .....	2,000	1,200
G. H. Starr.....	Halifax, N.S.....	2,000	1,200
Sir Albert J. Smith.....	Dorchester, N.B.....	2,000	1,200
James Thorburn, M.D.....	Toronto .....	2,000	1,200
Hon. R. Thibaudeau.....	Montreal .....	2,000	1,200
W. E. Wellington.....	Toronto .....	1,000	600
George Paxton Young, M.A.....	do .....	2,000	1,200
	Total.....	100,000	57,400

## QUEBEC FIRE ASSURANCE COMPANY.

## LIST OF STOCKHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up Cash.
Anderson, Mrs. E. G.	Quebec	\$ 1,200	\$ 900
Auld, Miss Sarah Jane	do	500	375
Alford, George	do	6,000	4,500
Austin, Mrs. Widow F. F.	do	2,000	1,500
Alleyn, Hon. C.	do	1,800	1,350
Auclair, Revd. Joseph	do	4,000	3,000
Angers, Mde. L. P.	Montreal	600	450
Angers, Hon. A. R.	Quebec	1,000	750
Auld, Joseph	do	300	225
Billingsley, F.	do	500	375
Burke, Wm. T., Heirs by J. Horan, Atty.	Montreal	3,800	2,470
Beaubien, Pierre	Montreal	1,800	1,350
Burke, E. C.	Quebec	400	300
Bardy, Mrs. M. S. Lefebvre	do	1,000	750
Bolduc, Henri	do	2,000	1,500
Brown, W. P., Executrix of the late.	England	6,000	4,500
Brousseau, Mrs. M. M. D.	Quebec	1,000	750
Bilodeau, Louis	do	13,400	10,050
Boyce, J. B.	do	1,800	1,350
Baldwin, Dame M. A. G.	do	100	75
Cowan, Elizabeth and William	do	1,400	1,050
Oowau Wm.	do	2,600	1,950
Crawford Mrs. Margaret	do	2,500	1,875
Clapham, Mrs. Lenora	do	3,400	2,550
Campbell, W. D.	do	100	75
Casgrain, P. B.	do	5,200	3,900
Clapham, J. Greaves	do	15,400	11,550
Carrier, Mme. Henrietta	do	600	450
College Ste. Anne	Ste. Anne de la Pocatière	1,000	750
Cannon, E. G.	Quebec	3,000	2,250
Cary, Thos. A.	Sandwich	2,000	1,500
Cary, Miss Elizabeth Rebecca	do	2,600	1,950
Cazeau, Mlle. Josephte	Quebec	200	150
Campbell, Mrs. Isabella Jane	do	2,000	1,500
Corporation du Precieux Sang, St. Hyacinthe	St. Hyacinthe	200	150
Casey, Thomas	Quebec	400	300
Cream, Wm.	do	2,000	1,500
Campbell, W. D., Usufructuary	do	1,200	900
Corporation Archi-Episcopale, F. M.	do	1,500	1,125
Carrel, James	do	1,700	1,275
Chambers, E. T. D.	do	100	75
Dugal, Dles. Emélie, Caroline and Céécile	do	400	300
Donohue, Miss Ellen	do	3,600	2,700
De Bonne, E. M., Heirs of the late	Beauport	1,000	750
Dean, A. L.	Quebec	500	375
De Foy, François, Executors of the late	do	1,400	1,050
Dickson, James, Executrix of the late	Montreal	2,000	1,500
De Blois, E. J.	Quebec	600	450
De Blois, P. A.	do	800	600
Davies, W. H. A., Executrix of the late	Montreal	200	150
Doucet, Rev. N.	Quebec	2,000	1,500
Douglass, Mrs. Charlotte, Heirs	do	400	300
Dugal, F. D.	do	3,000	2,250
Derousselle, Alexis, Executor of the late	Beauport	200	150
D'Eschambault, Mde. Esther	Quebec	1,000	750
Dupont, William	do	1,100	825
Dean, A. L., G. and E. M.	do	5,000	3,750
Dynes, Joseph	do	300	225

## QUEBEC LIFE ASSURANCE COMPANY—Continued.

## LIST OF STOCKHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Drum, Isaac, Estate of.....	Quebec.....	\$ 100	\$ 75
Drum, S. W.....	do .....	100	75
Drum, Wm., Estate Executors.....	do .....	500	375
Drummond, Dame M. A.....	Montreal .....	100	75
Dion, Mme. Vve. Arthur.....	Deschambault.....	1,000	750
Dumoulin, P. B.....	Quebec.....	500	375
Fraser, Hon. John, Heirs.....	do .....	2,000	1,500
Fisher, Mrs. Louisa.....	do .....	200	150
Fabrique St. Roch.....	do .....	1,600	1,200
Frémont, Mde. C. P.....	do .....	800	600
Frémont, Mde. C. P., Executrix.....	do .....	200	150
Frémont, Jules Taschereau.....	do .....	200	150
Grant, T. H.....	England.....	200	150
Goodwin, Mrs. Emma.....	do .....	1,800	1,350
Gauvreau, L. Edmond.....	Quebec.....	200	150
Gale, Mrs. B.....	do .....	400	300
Gibb, James.....	do .....	4,200	3,150
George, Miss Elizabeth.....	do .....	1,000	750
Grenier, Mrs. J. O., Heirs.....	do .....	400	300
Gibb & Ross.....	do .....	3,000	2,250
Gingras, J. E., Executrix of the late.....	do .....	200	150
Grassett, Mrs. S. M.....	Toronto.....	1,400	1,050
Gravel, J. A.....	Montreal.....	1,400	1,050
Gourdeau, François.....	Quebec.....	2,000	1,500
Garneau & Frère.....	do .....	2,600	1,950
Gibson, W. C.....	do .....	2,200	1,650
Gourdeau, Felix.....	do .....	1,600	1,200
Healey, Miss Annie.....	do .....	300	225
Heath, Miss Emilie.....	Isle Verte.....	600	450
Hawtayne, W. H.....	England.....	3,000	2,250
Huot, Philippe.....	Quebec.....	3,800	2,850
Hall, H. E.....	do .....	200	150
Henderson, John.....	Montreal.....	2,600	1,950
Hossack, G. C.....	Quebec.....	1,000	750
Hardy, Joseph.....	do .....	1,000	750
Hunt, James, Executors of the late.....	do .....	7,600	5,700
Hamel, Théophile, Executrix of the late.....	do .....	1,000	750
Hamilton, Robert C.....	do .....	400	300
Hamel Abrah m.....	do .....	400	300
Hookes, Isaac.....	do .....	600	450
Hardy, A. P.....	Ste. Anne de la Pérade.....	600	450
Hardy, M. G.....	Champlain.....	1,200	900
Hardy, David.....	do .....	600	450
Hardy, Joseph L.....	Grondines.....	1,600	1,200
Hardy, Siméon.....	Quebec.....	6,600	4,950
Hudon, Théophile.....	do .....	2,200	1,650
Herring, William.....	do .....	10,000	7,500
Hamilton, Robt.....	do .....	1,600	1,200
Hamilton, Hon. John.....	Montreal.....	1,400	1,050
Herring, Wm., in trust.....	Quebec.....	1,800	1,350
Hamilton, Charles C.....	do .....	600	450
Heath, W. A., Curator.....	Isle Verte.....	1,200	900
Heath, W. A.....	do .....	600	450
Hunt, Arthur F.....	Quebec.....	1,300	975
Hunt, Herbert F.....	do .....	400	300
Hunt, Fredk. F.....	do .....	400	300
Hamilton, Mrs. G. W.....	do .....	400	300
Healey, Miss Louisa.....	do .....	100	75
Hunt, A. F. for self and co-heirs.....	do .....	6 2/20	4,650

## QUEBEC LIFE ASSURANCE COMPANY—Continued.

## LIST OF STOCKHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Joseph, Abraham.....	Quebec.....	\$ 10,000	\$ 7,500
Joseph, Andrew.....	do .....	1,000	750
Jackson, Mrs. Elizabeth.....	do .....	300	225
Jones, W. H.....	Ottawa.....	600	450
Jones, Edwin.....	Quebec.....	8,600	6,450
Jourdain, A.....	do .....	3,000	2,250
Jones, Mrs. M. A.....	do .....	4,200	3,150
Jobin, Elie.....	do .....	300	225
Irish Protestant P. B. Society.....	do .....	1,200	900
Kerr & Molson, Trustees.....	Montreal.....	800	600
Langevin, Ed. T.....	Ottawa.....	600	450
Le Boutillier, Mrs. George, <i>et al</i> .....	Percé.....	300	195
Le Boutillier, Philippe.....	Gaspé.....	300	225
Laurie, Duncan.....	Quebec.....	2,500	1,875
LaRue, S. V.....	St. Charles.....	2,000	1,500
Le Boutillier, Horatio.....	Gaspé.....	600	450
Lambly, John, Executors of the late.....	Inverness.....	800	600
Lelièvre, S. do do.....	Quebec.....	600	450
Logie, Mrs. Sarah, <i>en usufruit</i> .....	Rimouski.....	400	300
Langevin, Jean, Right Rev. Bishop.....	Quebec.....	600	450
Langevin, Sir H. L., C.B., K.C.M.G.....	do .....	6,600	4,950
Langevin, Rev. E.....	Rimouski.....	600	450
Langlois, Jean.....	Quebec.....	3,400	2,550
LaMoine, Alexandre.....	do .....	1,000	750
Légaré, Rev. A. J.....	do .....	1,400	1,050
Langlois, Chs. B.....	do .....	3,600	2,700
Lacroix, Edouard.....	Matane.....	7,300	5,475
Lindsay, Mrs E. L.....	Paspébiac.....	4,200	3,150
Langlois, Busèbe.....	Quebec.....	500	375
Lépine, Louis.....	do .....	500	375
Léonard, B.....	do .....	500	375
Mathieu, Marcel.....	do .....	2,000	1,500
Machin, Miss E. M.....	do .....	400	300
Machin, Miss H. J.....	do .....	400	300
Massue, L. H., <i>en usufruit</i> .....	Varennes.....	4,000	3,000
Molson, John, Tutor.....	Montreal.....	800	520
Montizambert, Mrs. Fredk.....	Quebec.....	3,100	2,325
Montizambert, Mrs. S., Heirs.....	do .....	800	600
Mountain, Mrs. C. S.....	England.....	1,400	1,050
Moore, William.....	Quebec.....	4,000	3,000
Moore, Samuel.....	do .....	800	600
McLimont, William.....	do .....	4,000	3,000
McLimont, J. C.....	do .....	1,000	750
Morgan, Terence, Heirs.....	Ireland.....	3,000	1,950
Monier, Mad. Malvina.....	Quebec.....	600	450
Marcotte, Mad. Cicile.....	do .....	600	450
Molson, William, Executors of the late.....	Montreal.....	2,600	1,950
MacNider, Jas. & Co.....	Quebec.....	5,500	4,125
Marcoux, Rev. J. E.....	do .....	300	225
Marcoux, H. J.....	do .....	2,500	1,875
Mitchell, Mrs. Robert.....	England.....	100	75
McLimont, Miss Anna F., <i>en usufruit</i> .....	Quebec.....	2,000	1,500
Marois, Rev. O. A.....	do .....	1,100	825
Molson, Jos. D., Tutor.....	Montreal.....	600	450
Molson & Crawford, Trustees.....	do .....	800	600
Molson, Alex., Tutor.....	do .....	800	600
Norris, Thomas.....	Quebec.....	3,200	2,400
O'Connor, C. R.....	do .....	400	300
Ostell, Mrs. M. E.....	Montreal.....	600	450

## QUEBEC LIFE ASSURANCE COMPANY—Continued.

## LIST OF STOCKHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Orkney, J. T.....	Quebec.....	5,400	4,050
O'Donohue, John.....	do .....	4,000	3,000
Oliver, Frederick.....	do .....	400	300
Pozer, M. M.....	Beauce .....	1,000	750
Phillips, Miss M. O.....	Quebec.....	1,400	1,050
Perreault, Mde. M. S.....	Montreal.....	800	520
Patterson, P. Executor of the late.....	Quebec.....	4,400	3,300
Patton, Mrs. Mary.....	do .....	400	300
Parke, Mrs. Jos.....	do .....	800	600
Pelletier, Hon. C. A. P.....	Quebec.....	1,800	1,350
Pozer, Mrs. Ann.....	Beauce.....	400	300
Posten, William, Executors of the late.....	Quebec.....	2,800	2,100
Paquet, Mad. Reine.....	Montreal.....	600	450
Paquet, E. T.....	St. Nicholas .....	900	675
Pentland & Young, Trustees.....	Quebec.....	800	600
Paradis, L. L.....	do .....	400	300
Pampalon, Thomas.....	do .....	200	150
Parke, Mrs. Sarah H. M.....	do .....	400	300
Prévost, Mad. Veuve Louis.....	do .....	400	300
Paquet, Hon. E.....	do .....	2,000	1,500
Pinsonnault, Dame Cécile.....	Montreal.....	100	75
Ronsseau, Dr. E.....	Quebec.....	2,400	1,800
Romain, François, Executrix of the late.....	do .....	1,000	750
Renfrew, George R.....	do .....	10,000	7,500
Robitaille, Dr. Oliver.....	do .....	200	150
Robitaille, Dr. C., for children.....	do .....	2,000	1,500
Ross, Jas. G.....	do .....	2,400	1,800
Rochette, Olivier.....	do .....	900	675
Société Ecclésiastique de St. Joseph.....	do .....	400	300
Stuart, Honble. G. O.....	do .....	13,000	9,750
Simons, William.....	do .....	7,800	5,850
Sewell, Rev. E. W.....	do .....	2,800	2,100
Smith, Geo., Heirs of the late.....	Montreal.....	2,000	1,300
Stevenson, M., Tutor to his minor children	Quebec.....	400	300
Shaw, Samuel J.....	do .....	1,900	1,425
Scott, H. S.....	do .....	10,000	7,500
St. Michael, Charles.....	do .....	600	450
Scott, W. W., Executors of the late.....	do .....	1,700	900
Simons, John.....	do .....	4,600	3,450
Simons, Archibald.....	do .....	400	300
Sioux, J.....	Gaspé.....	1,000	750
Scott, E. B.....	Quebec.....	600	450
Sœur de la Nativité of Jésus, Montréal.....	Montreal.....	100	75
Thomas, Jas. Philip.....	Quebec.....	700	525
Têtu, Rev. H.....	do .....	800	600
Têtu, Vital.....	do .....	8,400	6,300
Tessier, Hon. U. J.....	do .....	400	300
Tremblay, Mrs. Widow P. A.....	do .....	2,000	1,500
Thibault, Louis.....	Lévis.....	600	450
Tessier, Cyrille.....	Quebec.....	600	450
Taylor, Mrs. Sarah.....	Montreal.....	1,600	1,200
Tessier, Félix.....	Quebec.....	1,200	900
Taschereau, Mde. T. J.....	do .....	2,000	1,500
Turcotte, Nazaire.....	do .....	2,200	1,650
Temple, E. B.....	do .....	400	300
Thomson, T. Henry, in trust.....	do .....	3,400	2,550
Tourangeau, Mde. V. A. J.....	do .....	200	150
Thomson, T. H., en usufruit.....	do .....	1,000	750
Union Bank, in trust.....	do .....	5,000	3,750

**QUEBEC LIFE ASSURANCE COMPANY—Concluded.**

**LIST OF STOCKHOLDERS—Concluded.**

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Valée, Prudent Estate of .....	Quebec .....	\$ 4,200	\$ 3,180
Vocelle, Olivier .....	do .....	600	450
Vésina, F. R. A., in trust .....	do .....	4,600	3,450
Vézina, Ludger .....	do .....	1,600	1,200
Walker, William .....	do .....	4,000	3,000
Withall, W. J. ....	do .....	11,000	8,250
White, William .....	do .....	2,400	1,800
Withall, Mrs. Elizabeth, Estate of late .....	do .....	6,200	4,650
Whitehead & Turner .....	do .....	1,400	1,050
Walker, Miss Helen Filmer .....	do .....	3,100	2,325
Young, D. D., Executors of the late .....	do .....	4,600	3,450
Yule, William, Executors of the late .....	Montreal .....	2,000	1,500
		500,000	373,930

## ROYAL CANADIAN INSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Adams, J. R.....	St. John, N.B.....	300	180
Adams, T. R.....	Lindsay.....	1,100	660
Aherley, Samuel.....	Fredericton.....	6,700	4,020
Alexander, Charles.....	Montreal.....	600	360
Allen, J. H.....	St. John, N.B.....	300	180
Ambrose, T. H.....	Port Hope.....	600	360
Amiot, Hermidas.....	Verchères.....	1,000	600
Andrews, Thos., Estate of.....	Quebec.....	700	420
Apps, C. O.....	Brantford.....	800	480
Apps, William.....	do.....	800	480
Archer Joseph.....	Quebec.....	300	180
Archer & Co.....	do.....	300	180
Arel, Leon.....	do.....	300	180
Archambault, Hon. Louis.....	L'Assomption.....	600	360
Archambault, Rev. L. M.....	St. Hugues.....	300	180
Archer, Robert.....	Montreal.....	16,300	9,780
Archambault, Louis.....	Terrebonne.....	300	180
Atherton, A. B.....	Fredericton.....	600	360
Audet, Rev. P.....	St. Fabien.....	100	60
Audet, Nicodeme.....	St. Anselme.....	800	480
Ayotte, Ludger.....	Maskinongé.....	3,000	1,800
Avery, Ruggles.....	Mallorytown.....	300	180
Audet, Zephirin.....	St. Anselme.....	300	180
Barsalou, Joseph.....	Montreal.....	2,200	1,320
Barsalou, Erasme.....	do.....	600	360
Barsalou, Hector.....	do.....	600	360
Babcock, Michael.....	do.....	600	360
Badeaux, J. E.....	Three Rivers.....	300	180
Baillargé, Chas.....	Quebec.....	300	180
Babin, Damase, jun.....	St. Jean, P.J.....	1,000	600
Bates, C. T.....	Ottawa.....	600	360
Bastier, Alphonse.....	Montreal.....	700	420
Balcer, H. M.....	Three Rivers.....	2,900	1,740
Barsalou, Charles.....	Montreal.....	1,200	720
Bartlett, Geo.....	Windsor.....	600	360
Babin, Arsene.....	Oakville.....	200	120
Beauchamp, L. E.....	Montreal.....	600	360
Beauvais & Perreault.....	do.....	300	180
Benny, Robert.....	do.....	600	360
Bell, Joshua A.....	do.....	300	180
Bellefeuille, P.....	Sorel.....	600	360
Beaulieu, J. B.....	Lévis.....	300	180
Beaupré, A.....	St. Elizabeth.....	900	540
Beaudry, L. Z.....	Three Rivers.....	600	360
Bernard, J. M.....	Cap Sauté.....	300	180
Bertrand, D.....	Trois Pistoles.....	600	360
Bertrand, L. A.....	Isle Verte.....	600	360
Bertrand, Mrs. J. B.....	Quebec.....	600	360
Bergevin, Chas.....	do.....	600	360
Beament, Thos.....	Ottawa.....	300	180
Bethune, Rev. C. J. L.....	Port Hope.....	600	360
Bertrand & Brochu.....	Lévis.....	600	360
Belanger, A.....	St. Hugues.....	300	180
Benoit, François.....	Montreal.....	300	180
Bell, Samuel.....	do.....	3,000	1,800
Bernier, Thos.....	St. Sauveur.....	1,200	720
Beaulieu, J. B., sen.....	Cacouna.....	200	120
Bellefeuille, Jos.....	Three Rivers.....	100	60
Beauchemin M. en fils.....	Sorel.....	100	60



## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid in Cash.
Bell, A. Wilson.....	Carleton Place.....	\$ 700	\$ 420
Beauchamp, Alex.....	St. Simon Bagot.....	1,200	720
Beaubien, L. A., Estate of late.....	Cap St. Ignace.....	200	120
Berlinguet, Mrs. F. X.....	Quebec.....	700	420
Bertrand, Chas.....	Isle Verte.....	1,200	720
Bernatchez, Miss C.....	Montmagny.....	300	180
Beauvais, J. A.....	Montreal.....	600	360
Beaudoin, A. E.....	Lévis.....	300	180
Beauchemin, A. O. T.....	Roxton Falls.....	100	60
Belleau, Mrs. E.....	Cap St. Ignace.....	100	60
Benjamin, L. N.....	Montreal.....	1,000	600
Bireley & Co.....	Hamilton.....	600	360
Bilodeau, Louis.....	Quebec.....	1,500	900
Bienvenu, Charles.....	Montreal.....	100	60
Bilodeau, Anselme.....	St. Charles.....	300	180
Black & Locke.....	Montreal.....	600	360
Blackburn, R.....	Ottawa.....	300	180
Blondin, J. A.....	Becancour.....	600	360
Blackadar, C. C.....	Halifax.....	600	360
Blondeau, Chas.....	St. Paschal.....	300	180
Black, M. P.....	Halifax.....	5,800	3,480
Black, S. G.....	do.....	3,000	1,800
Blackburn, Josiah.....	London.....	300	180
Blyth, G. R.....	Ottawa.....	200	120
Blanchard, Julien.....	St. Hugues.....	200	120
Blais, L. N.....	Matane.....	500	300
Blair, A. C.....	St. John, N.B.....	200	120
Blouin, Joseph.....	St. Michel.....	200	120
Blais, J. P.....	Kamouraska.....	300	180
Blouin, Mathias.....	Quebec.....	1,500	900
Boulet, Odilon.....	do.....	300	180
Bourget, Louis.....	do.....	300	180
Boyce, M.....	do.....	300	180
Bossé, J. N.....	Montmagny.....	300	180
Boulet, Dr. S.....	Joliette.....	600	360
Boyden, E. S.....	Kingston.....	600	360
Bolton, Mrs. H. C.....	St. Stephen, N.B.....	300	180
Boucher de la Bruyère.....	St. Hyacinthe.....	1,000	600
Bourgoin, N. H.....	Montreal.....	300	180
Bourget, Rev. J. B.....	St. André Argenteuil.....	300	180
Boucher, Jean.....	St. Charles Beloeil.....	1,500	900
Borden, G. W.....	Halifax.....	500	300
Bornstein, S.....	Quebec.....	300	180
Brodie, W. & R.....	do.....	300	180
Bressé, G.....	do.....	600	360
Brown, T. C.....	Fredericton, N.B.....	300	180
Browne, J. & Co.....	Kingston.....	600	360
Britton, B. M.....	do.....	600	360
Brunnelle, L. & Frère.....	Three Rivers.....	1,000	600
Brennan, M.....	Hamilton.....	2,000	1,200
Bramley, Mrs. C.....	Sorel.....	600	360
Breen, Philip.....	St. Stephen, N.B.....	600	360
Brown, Robert.....	Montreal.....	4,000	2,400
Brethour, Rev. D. L.....	Aylmer.....	100	60
Brethour, H. W.....	Brantford.....	1,800	1,080
Brousseau, Dame Yve. C.....	Beloil.....	800	480
Brown, M. S.....	Halifax.....	3,000	1,800
Breden, John.....	Kingston.....	800	480
Bruneau, P. C. A.....	Sorel.....	1,300	780

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
			\$
Bramley, G. H.....	Sorel.....	600	360
Brown, W. E.....	Ottawa.....	100	120
Brown, Calvin.....	St. Catharines.....	400	240
Branif, Estate of late John.....	St. Stephen, N.B.....	300	180
Bradburn, T.....	Peterboro.....	300	180
Buck, Wm.....	Brantford.....	600	360
Burrows, Chatfield & Co.....	St. Catharines.....	600	360
Burns, K. F.....	Bathurst.....	300	180
Burkholder, H.....	Hamilton.....	300	180
Burrows, Stewart & Milne.....	do.....	700	420
Buchanan, Thos.....	Montreal.....	700	420
Butler, Hon. Jas.....	Halifax.....	1,400	840
Bureau, Jacques.....	Three Rivers.....	700	420
Bureau, J. F. V.....	do.....	400	240
Bureau, J. N.....	do.....	2,900	1,740
Carsley, S.....	Montreal.....	900	540
Cameron, John.....	Peterboro.....	600	360
Carter, R. C.....	Kingston.....	1,200	720
Carlisle, Henry.....	St. Catharines.....	600	360
Cahill, Michael.....	St. George Beauce.....	200	120
Carigan, O.....	Three Rivers.....	600	360
Carrière, F. & Co.....	Quebec.....	600	360
Caron, German, Père.....	Trois Saumons.....	600	360
Cayer, Alexis.....	St. Raymond.....	200	120
Casgrain, J. E.....	L'Islet.....	600	360
Caron, Rev. F.....	Ste. Anne de la Pécadière.....	300	180
Cameron, Donald.....	Windsor.....	1,800	1,080
Campbell, Kenneth & Co.....	Montreal.....	300	180
Caron, Damase.....	Fraserville.....	700	420
Carruthers, John.....	Kingston.....	1,600	960
Carruthers, J. B.....	do.....	1,300	780
Cassils, Stinson & Co.....	Montreal.....	300	180
Cadioux, H. C.....	do.....	100	60
Campbell, G. F.....	St. Stephen, N.B.....	200	120
Carbonneau, O., jun.....	Berthier (en bas).....	100	60
Campbell, Mrs. M. M.....	Almonte.....	1,000	600
Carrière, J. B.....	St. Anselme.....	1,200	720
Cahill, E. J.....	St. George Beauce.....	200	120
Campbell, Heirs of Wm.....	Montreal.....	3,000	1,800
Caron, Eugène.....	Lake Weedon.....	400	240
Chalmers, Wm.....	Ottawa.....	300	180
Chamness, F.....	do.....	300	180
Chouinard, H. J. J. B.....	Quebec.....	600	360
Chapleau, E. J.....	St. Paschal.....	300	180
Chadwick, F. J.....	Guelph.....	600	360
Chapdelaine, J. B.....	Joliette.....	200	120
Chauvin, A. T.....	Montreal.....	300	180
Chown, E.....	Kingston.....	1,500	900
Chagnon, H.....	Verchères.....	300	180
Chadwick, Mrs. Jane.....	Ingersoll.....	700	420
Chipman, Z.....	St. Stephen, N.B.....	1,200	720
Chabot, Jos.....	St. Charles Bellechasse.....	100	60
Charlebois, J. A.....	Quebec.....	100	60
Chalouet, L. P.....	Kamouraska.....	200	120
Chevalier, Maurice.....	Sorel.....	300	180
Chevalier, Eugene.....	do.....	300	180
Chevalier, Miss E.....	do.....	300	180
Chamberland, Wm.....	Bic.....	100	60
Çimon, Horace.....	Malbaie.....	300	180

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Cleghorn, Andrew.....	London .....	\$ 300	\$ 180
Clay, Thomas.....	Halifax.....	600	360
Cliff, Geo. A.....	Fredericton, N.B.....	800	480
Close, James.....	Montreal.....	1,000	600
Clement Nap E.....	Maskinongé.....	400	240
Clendenning, W.....	Montreal.....	3,100	1,860
Clark, A. O.....	do.....	5,900	3,540
Cliff, N. A.....	Fredericton.....	700	420
Cloutier, H.....	Quebec.....	400	240
Claxton, T. J.....	Montreal.....	300	180
Costello, P., Est. of.....	do.....	600	360
Coghlin, Miss L. A.....	do.....	600	360
Coghlin, B. J.....	do.....	2,500	1,500
Cockshut, Ignatius.....	Brantford.....	600	360
Colter, J. E.....	Fredericton.....	200	120
Connolly, James.....	Lindsay.....	600	360
Connolly, James.....	Quebec.....	600	360
Convey, Wm.....	do.....	300	180
Collet, Rev. C. A.....	do.....	600	360
Couture, G. and E.....	Lévis.....	600	360
Côhet, C. A.....	St. Henri.....	600	360
Corriveau, F. X.....	St. Anselme.....	300	180
Corriveau, J. B.....	do.....	300	180
Cormack, Jas.....	Guelph.....	600	360
Cochrane, Hon. M. H.....	Compton, P. Q.....	2,800	1,680
Cole, Fred.....	Montreal.....	3,300	1,980
Couillard, T. M.....	Lévis.....	200	120
Collette & Senecal.....	Verchères.....	2,700	1,620
Corbeil, L. L.....	Montreal.....	700	420
Covert, H.....	Port Hope.....	600	360
Collin, Rev. C.....	Hemmingford.....	300	180
Collard, Joseph.....	Malbaie.....	1,200	720
Cooper, Wm.....	Montreal.....	3,700	2,220
Côté, Celina Bouchard.....	Fraserville.....	200	120
Cooke, Thos. E.....	Halifax.....	1,200	720
Couture, G.....	Quebec.....	100	60
Costello, J.....	Lindsay.....	300	180
Côté, Arsène.....	St. Fabien Rimouski.....	200	120
Côté, Samuel.....	Rimouski.....	200	120
Couillard Frères & Co.....	do.....	200	120
College St. Anne.....	St. Anne.....	300	180
Cresse, A. P.....	Nicolet.....	600	360
Crawford, R.....	Kingston.....	2,500	1,500
Crawford, R., in trust.....	do.....	1,100	660
Craig, John L.....	Montreal.....	700	420
Craick, J. & Co.....	Port Hope.....	100	60
Craig, Thomas.....	Montreal.....	6,900	4,140
Craig, Thomas, in trust.....	do.....	600	360
Crossen, James.....	Cobourg.....	300	180
Craig, J. & R.....	Ottawa.....	100	60
Cummings, Jas.....	Lyn.....	600	360
Cullinan, H. & P.....	St. Stephen, N.B.....	600	360
Cuddy, Jno. P.....	Montreal.....	1,300	780
Cuvillier, Miss Luce.....	do.....	1,800	1,080
Cunningham, Henry.....	Kingston.....	1,500	900
Dalziel, Mary Anne.....	St. Thomas, Mont.....	200	120
Darlington, John.....	Quebec.....	300	180
Dansereau, Mrs. Zoé.....	Contracœur.....	600	360
Dagenais, Rev. T. E.....	do.....	600	360

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Danjou, Joseph.....	St. Fabien.....	\$ 600	\$ 360
Davison, James.....	Montreal.....	200	120
Dalzeil, Alvine.....	St Thomas, Mont.....	100	60
Daigle, Joseph.....	Belœil.....	3,300	1,980
Darling, Wm.....	Montreal.....	1,500	900
Davis, Mrs. C. E.....	Kingston.....	700	420
Daniel & Boyd.....	St. John, N.B.....	1,200	720
Dagenais, J.....	Montreal.....	600	360
Dever Bros.....	Fredericton.....	900	540
Derlin, R. J.....	Ottawa.....	300	180
Dechene, F. M.....	Quebec.....	600	360
Defoy, James A.....	do.....	300	180
Dery, Joseph.....	do.....	300	180
Dery, J. P.....	do.....	300	180
Delage, J. B.....	do.....	300	180
Desilets, P. O.....	Three Rivers.....	1,600	960
Denis, Dieudonne.....	St. Cuthbert.....	5,000	3,000
Desoray, Pierre.....	St. Hugues.....	300	180
Desmarais, H.....	St. Marc.....	300	180
Devins, R. J.....	Montreal.....	3,700	2,220
Delages, Rev. F. X.....	L'Islet.....	300	180
Denis, D.....	St. Simon Bagot.....	300	180
Demers, G.....	Hochelaga.....	600	360
De Grandpré, A. D.....	Sorel.....	1,800	1,080
Desrosiers, L. N.....	Sandy Bay.....	200	120
Desilets, A. O.....	Becancour.....	700	420
Desilets, Mrs. M. J. A.....	do.....	100	60
Delisle, Jean.....	St. Jean, Isle d'Orleans.....	400	240
Dionne, Benj.....	Cacouna.....	600	360
Dionne, Elisée.....	Quebec.....	1,700	1,020
Donnelly, Jas.....	Montreal.....	600	360
Doran, M.....	Kingston.....	2,900	1,740
Donovan, T. J.....	Stanford.....	1,000	600
Dorion, Sir A. A.....	Montreal.....	5,800	3,480
Debson, J.....	Lindsay.....	300	180
Douglas, Jas.....	St. Catharines.....	600	360
D'Ostaler, Olivier.....	St. Maurice.....	100	60
Drapeau, Rev. J. O.....	St. Ulric.....	300	180
Drolet, Pierre.....	St. Charles Bellechasse.....	100	60
Dumesnil, G. H.....	Montreal.....	5,000	3,000
Dunn, James L.....	St. John, N.B.....	600	360
Dundas, J. R.....	Lindsay.....	600	360
Duffus, John.....	Halifax.....	4,400	2,640
Dupuis, J. B.....	St. Roch des Aulneta.....	300	180
Dupuis, Auguste.....	do do.....	300	180
Dubé, Pierre.....	St. Jean, P. J.....	300	180
Dufresne, Candide.....	St. Thomas.....	600	360
Dubeau, J. B. Z.....	Quebec.....	300	180
Duquet & Co.....	do.....	300	180
Dubois, Damase.....	Terrebonne.....	600	360
Dupuis, Antoine.....	Quebec.....	300	180
Duguay, Olympe.....	Terrebonne.....	600	360
Dupré, Joseph.....	Montreal.....	3,300	1,980
Dubord, Alphonse.....	Three Rivers.....	1,200	720
Damas, Arthur.....	Terrebonne.....	1,800	1,080
Durand, F. J.....	Montreal.....	500	300
Duchesnay, H. J. J.....	St. Marie.....	200	120
Duverger, Mrs. S. L.....	Montreal.....	1,200	720
Duval, L. Z.....	St. Jean, P. J.....	300	180

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Duchaine, P. L.....	St. Simon, Bagot.....	300	180
Dufault, E.....	St. Hélène, Bagot.....	300	180
Duffus, Wm.....	Halifax.....	4,800	2,880
Duffus, J. B.....	do.....	8,400	5,040
Duncan, J. W.....	Port Huron, Mich.....	100	60
Dunnett, Miss J.....	London.....	500	300
Durocher, L. B.....	Montreal.....	2,700	1,620
Dupuis, L. C.....	St. Thomas.....	100	60
Dunn, T. H.....	Quebec.....	3,300	1,980
Dwyer, M.....	Halifax.....	2,900	1,740
Dykeman, W. G.....	St. John, N.B.....	100	60
Eaton, C. B.....	St. Stephen, N.B.....	300	180
Eaton, H. F.....	do.....	900	540
Egleson, James.....	Gloucester, Ont.....	300	180
Easton, Geo. C.....	Ingersoll.....	1,200	720
Edgar, Frank.....	Montreal.....	1,700	1,020
Elliott, Edward.....	do.....	600	360
Elder, William.....	St. John, N.B.....	300	180
Elliott, P. C.....	Halifax.....	1,800	1,080
Esson, Wm.....	do.....	2,300	1,380
Essor, Geo. sen.....	do.....	1,100	660
Evans, Mercer & Co.....	Montreal.....	600	360
Ewing, S. H., and A. S.....	do.....	600	360
Evans, Wm. S.....	do.....	6,700	4,020
Everett, E. H. Mrs.....	do.....	3,000	1,800
Evans, J. S.....	do.....	8,300	4,980
Fafard, Rev. E.....	Lévis.....	300	180
Fauteux, P. A.....	Montreal.....	3,400	2,040
Faucher, O.....	do.....	1,200	720
Fairgrieve, Hugh.....	Hamilton.....	800	480
Fairgrieve, J. B.....	do.....	800	480
Farquharson, John.....	Halifax.....	3,000	1,800
Ferguson, T.....	Montreal.....	100	60
Fiset, Joseph.....	St. Thomas, Mont.....	1,400	840
Fisher, G. F.....	Fredericton.....	800	480
Fisher, C. H. B.....	do.....	1,000	600
Fiset, L. J. C.....	Quebec.....	3,900	2,340
Fitzsimmons, Rob.....	Brockville.....	1,200	720
Finlay, Jonathan.....	Montreal.....	100	60
Finlay, David.....	Sorel.....	700	420
Fisher, S.....	Quebec.....	1,200	720
Fiset, Arthur.....	St. Thomas, Mont.....	300	180
Fish, W. T.....	Cobourg.....	3,000	1,800
Finlay, Wm.....	Sorel.....	800	480
Fiset, Mrs. H.....	Montreal.....	400	240
Fletcher, James.....	do.....	3,300	1,980
Foster, A. J.....	Stanstead.....	300	180
Foster, Stephen.....	Rock Island.....	300	180
Fortin, Irene.....	Quebec.....	300	180
Fortier, Achille.....	St. Marie, Beauce.....	500	300
Forde, Jackson.....	Brantford.....	600	360
Forde, R. J.....	do.....	600	360
Foisy, Theodule.....	Lévis.....	600	360
Fournier, Valère.....	Rimouski.....	300	180
Fournier, Louis.....	do.....	100	60
Fontaine, G. H.....	Verchères.....	1,000	600
Foucher, Frs.....	Joliette.....	600	360
Foucher, Mrs. V.....	do.....	300	180
Fournier, Mrs Eliza, Widow.....	L'Islet.....	200	120

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Foley, M. S.....	Montreal .....	\$ 200	\$ 120
Fortin, Mrs. A. J.....	St. Joseph, Beauce.....	300	180
Forsyth, Alex.....	Halifax.....	2,400	1,440
Fogarty Bros.....	Montreal.....	200	120
Fortin, Nestor.....	Cap St. Ignace.....	700	420
Fortin, Theodore.....	do .....	1,800	1,080
Fremont, Mrs. C. P.....	Quebec.....	1,000	600
Frigon, J. G. A.....	Three Rivers.....	3,700	2,220
Frenette, Delle Celina.....	L'Islet.....	1,700	1,020
Frigon, L. G. B.....	Three Rivers.....	300	180
Fraser, W. J.....	Halifax.....	2,300	1,380
Fremont, J. J. T.....	Quebec.....	300	180
Frenette, Rev. L. E.....	L'Islet.....	300	180
Fry, Henry.....	Quebec.....	3,300	1,980
Furlong, Thos.....	St. John, N.B.....	600	360
Fulford, J. H.....	Easton's Corners.....	600	360
Fuller, H. H.....	Halifax.....	3,000	1,800
Gauthier, Thos.....	Montreal.....	300	180
Gaboury, Augustin.....	Quebec.....	600	360
Gauthier, L. O.....	do .....	400	240
Gaudette, Dr. D.....	St. Anne des Plaines.....	600	360
Gagnon, Nazaire.....	Champlain.....	600	360
Gamache, Solyme.....	Cap St. Ignace.....	300	180
Gagnon, F. X.....	St. Raphael.....	300	180
Gardner, Robert.....	Kingston.....	300	180
Gagnon, Mlle. Aurelie.....	St. Roch des Aulnets.....	700	420
Garrett, J. & Co.....	Hamilton.....	3,000	1,800
Gauvreau, Pierre.....	Quebec.....	200	120
Gagnon, G. A.....	Montreal.....	700	420
Gatineau, Rev. V.....	St. Alexander Iberville.....	400	240
Gagnon, Antoine.....	Arthabaska.....	300	180
Gagnon, Adolphe.....	St. Fabien.....	300	180
Gauvreau, P. L.....	Rimouski.....	200	120
Gauvreau, Calixte.....	Térrebonne.....	600	360
Gaherty, Denis.....	Montreal.....	600	360
Gastonguay, T. Estate of .....	Quebec.....	300	180
Gagnon, Michel.....	Trois Saumons.....	200	120
Gariépy, Charles.....	Quebec.....	600	360
Gagnon, Arthur.....	Montreal.....	6,200	3,720
Genest, L. T.....	St. Henri.....	300	180
Gervais, Olivier.....	Contrecoeur.....	300	180
Gervais, A. E.....	do .....	900	540
Gendron, Mde. E.....	do .....	200	120
Giroux, Jean Fils.....	Quebec.....	300	180
Girardin, Auguste.....	do .....	300	180
Gibson, Henry.....	Stratford.....	600	360
Gillespie, Thos. F.....	Chatham, N. B.....	100	60
Gilman, F. E.....	Montreal.....	147,000	88,200
Gildersleeve, C. F.....	Kingston.....	3,700	2,220
Gingras, Rev. J. N.....	St. Gervais.....	100	60
Gilmour, Allan.....	Ottawa.....	1,700	1,020
Gibson, John.....	Halifax.....	2,900	1,740
Giasson, J. F.....	L'Islet.....	200	120
Gilman, F. E., in trust for Eddie.....	Montreal.....	200	120
Gilman, F. E., in trust.....	do .....	213,400	128,040
Giraud, Paul.....	do .....	2,900	1,740
Glover & Fry.....	Quebec.....	300	180
Globensky, C. A. M.....	St. Eustache.....	2,600	1,500
Gould, Joseph.....	Montreal.....	600	360

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Goldstein, A.....	Montreal.....	300	180
Gossip, Wm.....	Halifax.....	3,600	2,160
Gohie, James.....	Quelph.....	1,500	900
Godin, J. N.....	Three Rivers.....	1,200	720
Gould Ira & Sons.....	Montreal.....	1,500	900
Gouin, A. N.....	Sorel.....	1,200	720
Gosselin, V.....	St. Ulrich.....	100	60
Green & Sons.....	Montreal.....	300	180
Gravel, J. A.....	Montreal.....	600	360
Gravel, J. O.....	do.....	1,000	600
Griffin, James.....	do.....	300	180
Griffin, J. B. and J. S.....	Dundas.....	300	180
Grimmer, G. S.....	St. Stephen, N.B.....	600	360
Gravel, J. O., in trust.....	Montreal.....	40,000	24,000
Grenier, Jacques.....	do.....	2,900	1,740
Green, E. K.....	do.....	3,300	1,980
Green, John.....	London.....	300	180
Grenier, L. U.....	Lotbinière.....	300	180
Gravel frères.....	Montreal.....	1,800	1,080
Grenier, J. B., Estate of.....	St. Henri.....	100	60
Graydon, Mina Georgiana.....	London.....	3,400	2,040
Guillet, Valere.....	Three Rivers.....	1,200	720
Gunn, Alex.....	Kingston.....	2,900	1,740
Guild, W.....	Mallorytown.....	400	240
Harty, Wm.....	Kingston.....	200	120
Hatt, G. & Son.....	Fredericton.....	300	180
Hatch, H.....	Quelph.....	600	360
Hall, Jas.....	Peterboro'.....	600	360
Hall, Richard.....	do.....	600	360
Hannan, M., & Co.....	Montreal.....	3,400	2,040
Hamelin, Rev. J. R. L.....	Quebec.....	700	420
Haynes, D. C., Estate of.....	St. Catharines.....	400	240
Hamel, Jas, et frères.....	Quebec.....	1,500	900
Hardy, N. S.....	do.....	400	240
Hall, W. V. B.....	Montreal.....	1,700	1,020
Harrington, W. M.....	Halifax.....	3,000	1,800
Harris, John D.....	do.....	3,300	1,980
Hart, Jairus.....	do.....	4,600	2,760
Hatch, H. H.....	St. Andrews, N.B.....	200	120
Hannon, Mathew.....	Montreal.....	1,200	720
Hawkins, Thos.....	Quebec.....	300	180
Heyd, C. B.....	Brantford.....	600	360
Heay, John.....	Ottawa.....	300	180
Héty, Jas. E.....	Three Rivers.....	1,000	600
Hedge, H., Estate of late.....	Montreal.....	3,300	1,980
Henderson, John.....	Kingston.....	100	60
Helm, John.....	Port Hope.....	800	480
Hearle, Jas. G.....	Montreal.....	300	180
Hodgson, Jonathan.....	do.....	17,900	10,740
Hope, James.....	Ottawa.....	300	180
Howie, J. R.....	Fredericton, N.B.....	300	180
Holly, Shadrach.....	St. John, N.B.....	600	360
Hodgson, John C.....	Montreal.....	600	360
Hodgson, T. E.....	do.....	5,000	3,000
Hossack, Jas., & Co.....	Quebec.....	300	180
Hope, Robert.....	Montreal.....	3,300	1,980
Howley, Jas.....	do.....	300	180
Hougham, Robert.....	do.....	500	300
Holman, J., Estate of.....	Cobourg.....	1,100	660

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Hutchison, John.....	Montreal .....	\$ 600	\$ 360
Hudon, Theophile.....	Quebec .....	600	360
Hudon, Rev. Joseph.....	St. Philip Neri.....	600	360
Hudspeth, Adam.....	Lindsay .....	600	360
Huntington, A., Estate of late.....	Brantford.....	6,600	3,960
Innes, Robert .....	Peterboro' .....	600	360
Innes, James .....	Guelph .....	1,500	900
Inches, Andrew .....	Fredericton.....	5,800	3,480
Jalbert, Jas. E.....	Cap St. Ignace.....	200	120
Jardine & Co.....	St. John, N.B.....	600	360
Jackson and Hallett .....	Guelph.....	600	360
Jaffray, Rev. Wm.....	St. John, N.B.....	300	180
Jamieson, R. O.....	Montreal .....	700	420
Jackson, Lt.-Col. W. H.....	London .....	1,100	660
Jarvis, Chas., jun.....	Brantford.....	800	480
Jacot, Emile .....	Quebec.....	300	180
Jenkins, Thos.....	Vienna, Ont.....	600	360
Jeffrey, A. ....	St. Catharines .....	600	360
Jeffrey, Wm.....	Stratford.....	600	360
Jeannotte, H.....	Montreal .....	1,100	660
Joyce, Alfred.....	do .....	600	360
Jones, D. B.....	Brockville.....	600	360
Johnston, E. R.....	Stanstead.....	300	180
Joseph, Abraham.....	Quebec.....	600	360
Johnston, James.....	Kingston .....	600	360
Jones, A. G.....	Halifax.....	1,400	840
Jones, Simeon.....	St. John, N.B.....	1,200	720
Julien, Louis.....	Quebec.....	300	180
Julien & Guay.....	do .....	200	120
Kavannah, H.....	Montreal .....	600	360
Kathan, C. H.....	Rock Island.....	300	180
Kearns & Ryan.....	Ottawa.....	600	360
Kehoe, William.....	do .....	300	180
Keenan, Thomas.....	Lindsay .....	600	360
Kerry, John.....	Montreal .....	3,000	1,800
Kerr, W. M.....	do .....	100	60
Kerr, John.....	Kingston .....	2,900	1,740
Kenny, T. E.....	Halifax.....	5,800	3,480
Keith, D. S.....	Toronto.....	1,600	960
Kirk & Daniels.....	St. John, N.B.....	600	360
King, James.....	Leicester Co.....	2,000	1,200
King, Crocker G. M.....	Kildare.....	300	180
King Bros.....	St. Pâcôme.....	300	180
Labelle, Louis.....	Sorel.....	300	180
Labelle, Albert.....	do .....	300	180
Larue, François.....	Montreal.....	500	300
Ladouceur, L. H.....	Sorel.....	600	360
Laroche, A.....	Quebec.....	300	180
Langlois, Z. A.....	Lévis.....	300	180
Larue, S. V.....	St. Charles, P.Q.....	300	180
Labrecque, Etienne.....	St. Charles, R.S.....	300	180
Laurier, Hon. W.....	Arthabaska .....	1,100	660
Lamoureux, Olivier.....	Contrecoeur.....	600	360
Lavoie, Nap.....	L'Islet.....	300	180
Lauzon, Joseph.....	Terrebonne.....	600	360
Lawrence, J. & G.....	St. John, N.B.....	300	180
Larkin, P.....	St. Catharines.....	1,600	960
Lapierre, Didace.....	St. Roch.....	600	360
Lavoie, Dame A.....	Beauport.....	600	360



## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Lamoureux, J. E.....	Contrecoeur.....	300	180
Labine, Jules.....	Montreal.....	3,000	1,800
Larivée, Nap.....	do.....	700	420
Lacroix, Edouard.....	Matane.....	1,700	1,020
Lacerte, N.....	Lévis.....	3,900	2,340
L'Abbé, Mrs. J. O.....	Quebec.....	500	300
Lapalme, Alex.....	Belœil Station.....	200	120
Lavolette, J. G.....	Napierville.....	1,200	720
Langlois, Daniel.....	Windsor.....	100	60
Lamontagne, J. B.....	St. Flavie, Q.....	1,200	720
Laliberté, J. B.....	Quebec.....	200	120
Lafontaine, E.....	St. Hugues.....	1,300	780
Lawrence, W. V.....	Montreal.....	300	180
Langlois, U. T.....	Three Rivers.....	1,200	720
Larue, Dr. L.....	Quebec.....	200	120
Langevin, F. X.....	Verchères.....	300	180
Latulippe, F.....	Beaumont.....	200	120
Laforme, Louis.....	St. Hugues.....	300	180
Labrie, Alfred.....	St. Charles, Bellechasse.....	500	300
Laurent, Michel.....	Montreal.....	300	180
Lavoie, George.....	Quebec.....	700	420
Lavoie, Wilfred.....	L'Islet.....	200	120
Laberge, Joseph.....	St. Thomas Mont.....	300	180
Labelle, Cyrille.....	Sorel.....	2,300	1,380
Lapointe, L. M.....	Quebec.....	800	480
Lapointe, Louis.....	St Jean, P. J.....	100	60
Languedoc, Mrs. E. M.....	St. Michel Bellechasse.....	200	120
Labrecque, G.....	Beaumont.....	200	120
Larochelle, Estate of P. E.....	Somerset.....	300	180
Levesque, Dame D.....	Montreal.....	600	360
Lemieux, N.....	Quebec.....	600	360
Leger and Rinfret.....	do.....	600	360
Legare, Rev. A. J. J.....	do.....	300	180
Lesage, Simeon.....	do.....	900	540
Lepage, Joseph.....	do.....	300	180
Leonard, Bernard.....	do.....	300	180
Lepage, F. X.....	do.....	600	360
Lemieux, E.....	do.....	100	60
Lefebvre, Leonard.....	do.....	300	180
Lepine, L. G.....	do.....	600	360
Leslie, John.....	Ottawa.....	300	180
Lemieux, Joachim.....	Ste. Marie Beauce.....	300	180
Lemieux and Dallaire.....	do.....	300	180
Letellier, M.....	St. Valier.....	100	60
Lemont and Son.....	Fredericton.....	300	180
Leduo, Leon.....	Sorel.....	300	180
Leonard, M.....	Leonard's Hill.....	100	60
Leblanc, Auguste.....	St. Hugues.....	100	60
Lester, Thomas.....	Township of Seneca.....	700	420
Lewis, W. J.....	Halifax.....	4,600	2,760
Lemay, Venance.....	St. Martin.....	300	180
Letourneux, C. H.....	Montreal.....	1,500	900
Leeming, H. B.....	Brantford.....	300	180
Letendre, P.....	Yamaska.....	100	60
Lewis, Florence.....	Ridgeway.....	400	240
Lepage, David.....	Montreal.....	300	180
Liggett and Hamilton.....	do.....	300	180
Livesay, John C.....	Kincardine.....	600	360

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Lindsay, W.....	Woodstock, N.B.....	200	120
Linton, James.....	Montreal.....	1,100	660
Lordly, Howe & Co.....	St. John, N.B.....	300	180
Lottinville, F.....	Three Rivers.....	1,900	1,140
Longuard, E. J.....	Halifax.....	2,900	1,740
Lyman, Benj., Estate of.....	Montreal.....	800	480
Lydon, John.....	Port Hope.....	100	60
Mackay, Hugh.....	Montreal.....	28,600	15,960
Matthews, F. B.....	do.....	600	360
Madden, W. J.....	do.....	300	180
Magnan, Adolphe.....	Joliette.....	600	360
Martin, Auguste.....	St. Paschal.....	200	120
Magee, Bros.....	St. John, N.B.....	600	360
Manson, Jas.....	do.....	600	360
Manks, M. F.....	do.....	300	180
MacDonald, C. A.....	do.....	300	180
Main, Alex.....	Hamilton.....	300	180
Magee, John S.....	St. Andrews, N.B.....	100	60
Martin, P. S.....	Lindsay.....	1,100	660
Martel, Rev. L. A.....	St. Joseph Beauce.....	200	120
McKelean, Gibson and Bell.....	Hamilton.....	900	540
May S. H. & Co.....	Montreal.....	2,700	1,620
Marmette, Dr. Jos.....	St. Thomas, Mont.....	200	120
MacNee, James, Estate of.....	Kingston.....	2,900	1,740
Manning, M. J.....	Windsor.....	1,100	660
Manuel, John.....	Ottawa.....	200	120
Maguire, Bernard.....	Montreal.....	1,200	720
Martel, U., sen.....	Three Rivers.....	1,600	960
Martel, P. N.....	do.....	700	420
Mahoney, Thos.....	Quebec.....	100	60
Mallory, Ira.....	Mallorytown.....	300	180
Masson, Hugh.....	Billings Bridge, Ottawa.....	300	180
Malhiot, H. G.....	Three Rivers.....	1,200	720
Martell, Mrs. T.....	Showhegan, Maine.....	500	300
Maucotel, Aimé.....	Montreal.....	3,400	2,040
Mackay, Jane.....	Halifax.....	1,100	660
Maguire, Mrs. Lydia.....	Lindsay.....	2,300	1,380
Martin, E. O.....	Rimouski.....	100	60
MacDonald, John.....	Montreal.....	100	60
Merritt, T. R.....	St. Catharines.....	1,200	720
Meredith, H. H.....	Port Hope.....	3,200	1,920
Meeker, J. R.....	Montreal.....	3,400	2,040
Michaud, J. B.....	Lévis.....	300	180
Millar, James.....	Chatham, P.Q.....	300	180
Mitchell, Thos. & Co.....	Hamilton.....	600	360
Mitchell, J. Scott.....	Halifax.....	400	240
Mitchell, Hon. Peter.....	Montreal.....	300	180
Michel, Jean.....	Quebec.....	2,900	1,740
Mitchell, Robert.....	Montreal.....	600	360
Miville, Alfred.....	St. Roch des Aulnaies.....	100	60
Moss, W. G.....	Montreal.....	16,300	9,780
Morton, Philips & Bulmer.....	do.....	600	360
Morton, J. Y.....	Brantford.....	600	360
Morgan, Robert.....	Quebec.....	300	180
Molleur, J. E.....	St. John's, Que.....	600	360
Mowat, D.....	Shoal Lake, Man.....	100	60
Moody, Henry.....	Terrebonne.....	600	360
Moody, Matthew, jun.....	do.....	600	360
Moody, John.....	do.....	5,100	3,060

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Moody, Miss A. H.....	Terrebonne.....	\$ 600	\$ 360
Mongenais, J. B. A.....	Rigaud.....	5,000	3,000
Mongenais, J. B.....	do.....	5,000	3,000
Mortimer, A.....	Ottawa.....	600	360
Mongeon, C.....	Sorel.....	200	120
Moss, S. H. & J.....	Montreal.....	400	240
Moodie, John.....	Hamilton.....	700	420
More, W. S., Estate of.....	Halifax.....	1,400	840
Mott, John P.....	do.....	4,700	2,820
Moseley & Ricker.....	Montreal.....	1,500	900
Morgan, James.....	Sorel.....	800	480
Morasse, Louis.....	do.....	1,200	720
Morgan, J. T. P.....	do.....	200	120
Mussen, Thos.....	Montreal.....	600	360
Mullin, John.....	Sorel.....	300	180
Muckleston, J. & Co.....	Kingston.....	600	360
Mulholland and Baker, Estate of.....	Montreal.....	600	360
Mulligan, John.....	Port Hope.....	1,700	1,020
Mulholland, R.....	Cobourg.....	2,000	1,200
Murphy, J. B.....	Montreal.....	400	240
Murchie, James.....	St. Stephen, N.B.....	1,200	720
Musgrove, G. M.....	Ottawa.....	600	360
McAumond, David.....	do.....	300	180
McArdle, Edward.....	St. Catharines.....	2,900	1,740
McConkey, T. L.....	Montreal.....	1,600	960
McCarthy, D. & J.....	Sorel.....	5,000	3,000
McCrary & McGoldrick.....	Montreal.....	300	180
McCormick & Son, H.....	Ottawa.....	600	360
McCorkill, James.....	Quebec.....	300	180
McCallum, C.....	London.....	300	180
McCullough, H., & H. A.....	St. John, N.B.....	600	360
McCullough, Henry, Estate of.....	do.....	300	180
McCarthy, Miss C. E.....	Sorel.....	1,700	1,020
McCulloch Bros.....	Montreal.....	5,000	3,000
McCarthy, H. F.....	Ottawa.....	200	120
McCallum & Son, P.....	Cobourg.....	3,000	1,800
McDougall, James.....	Montreal.....	1,700	1,020
McGuirk, W. P.....	do.....	300	180
McGoldrick, F. O.....	Fredericton, N. B.....	100	60
McIntosh, W. J.....	London.....	1,000	600
McIntyre, Duncan.....	Montreal.....	21,900	13,140
McIntyre, W. C.....	do.....	1,500	900
McIntyre, J. M.....	do.....	1,500	900
McIntyre, Duncan, jun.....	do.....	1,500	900
McIntyre, Mary F.....	do.....	800	480
McIntyre, Mrs. Jane Cassils.....	do.....	3,100	1,860
McInnes, Alexander.....	Hamilton.....	700	420
McInnes, Hugh, Estate of.....	do.....	700	420
McKenzie, Thomas.....	Sorel.....	600	360
McKay, Thos.....	Ottawa.....	600	360
McKechnie & Bertrand.....	Hamilton.....	600	360
McKenzie, Murdoch.....	Montreal.....	3,300	1,980
McKelvey & Birch.....	Kingston.....	500	300
McLaren, W. D.....	Montreal.....	600	360
McLachlan Bros. & Co.....	do.....	600	360
McLennan, Donald.....	Port Hope.....	600	360
McLaren, John C.....	Montreal.....	1,500	900
McLean, Thos.....	Brantford.....	1,200	720
McMillan, J. A.....	St. John, N.B.....	600	360

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
McNally, J. G.	Fredericton	\$ 300	\$ 180
McNamee, F. B.	Montreal	600	360
McRae, W. R.	Kingston	600	360
McRae, Finlay A.	Montreal	900	540
McWilliams, Wm.	Quebec	1,200	720
Nealis, S.	Fredericton	300	180
Nettleton, Thomas	Sorel	300	180
Neal, Thos. M.	Montreal	2,300	1,380
Nelles, Rev. Abraham	Brantford	3,000	1,800
Neal, W. H.	Halifax	2,400	1,440
Needler & Sadler	Lindsey	700	420
Nicholls & Hall	Peterboro	2,900	1,740
Nixon George	St. John, N.B.	300	180
Normand, T. E.	Three Rivers	1,900	1,140
Northup, Hon. J.	Halifax	3,000	1,800
Norris, James	St. Catharines	3,000	1,800
Normand, George	L'Isle aux Grues	700	420
Normand, J. B.	Three Rivers	1,100	660
O'Brien, Wm.	Montreal	13,800	8,360
Osgood, S. P.	St. John, N.B.	300	180
Olivier, A. P.	Three Rivers	300	180
Quellet, Magloire	St. Francois, Beauce	600	360
Quellet, J. M.	St Anselme	300	180
Owens, John	Fredericton, N.B.	200	120
Ostell, John	Montreal	10,400	6,240
Ogilvy, James A.	do	1,400	840
Ogilvy, A. W.	do	4,200	2,520
O' Cain, James	St. John's, P.Q.	300	180
O'Shaughnessy, M. & D.	Montreal	900	540
Oliver, W. H.	Elora, Ont.	700	420
Ott, John	Brantford	1,800	1,080
Quellet, Jos.	Rimouski	200	120
O'Loone, James	Ottawa	200	120
Parks, J. G.	Montreal	300	180
Papineau, A. C.	do	1,000	600
Paradis, Rev. J. T.	St. Raphael	100	60
Paré, H. A.	Quebec	300	180
Paré, U. S.	St. Bruno, P.Q.	700	420
Pâquet, Rev. B.	Quebec	1,100	660
Pacaud, E. L.	Arthabaska	100	60
Parent, E. H.	Montreal	2,300	1,380
Pacaud, George J.	Stanford	1,200	720
Panneton, Gaspard	Three Rivers	3 0	180
Pâquet, Dr. A. H.	St. Cuthbert	5,800	3,480
Parker, F. G.	Halifax	5,900	3,540
Pallister, W. H.	do	4,700	2,820
Parker, E. H.	Kingston	1,400	840
Patton, John H.	Matane	200	120
Papineau, N.	St. Timothe	2,300	1,380
Payan, Paul	Sorel	300	180
Patry, Rev. Pierre	Cacouna	700	420
Parks, W. & Son	St. John, N.B.	1,200	720
Paquette, Dr. J. O.	St. Elizabeth	1,000	600
Paront, C. H.	Montreal	100	60
Panneton, P. E.	Three Rivers	200	120
Pillow, Hersey & Co.	Montreal	600	360
Piché, Hubert	Sorel	300	180
Picher, Mrs. A. V.	Quebec	200	120
Picher, F. X.	do	400	240

ROYAL CANADIAN INSURANCE COMPANY—*Continued.*LIST OF SHAREHOLDERS—*Continued.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Perrault, J. & Co.....	Montreal .....	\$ 600	\$ 360
Pelletier, J. P.....	Matane.....	600	360
Pelletier, C. A. P.....	Quebec .....	600	360
Perkins, George E.....	St. John, N.B.....	300	180
Peters, C. H.....	St. John, N.B.....	600	360
Peddie, J. W.....	Windsor.....	600	360
Peardon, Wm.....	Montreal .....	1,700	1,020
Pennee, F. O. A. (in trust).....	Quebec .....	300	180
Peck, Bennet & Co.....	Montreal .....	1,500	900
Pelletier, A. V.....	Ste. Marie, Beauce.....	100	60
Peters, Thos. A.....	St. John, N.B.....	300	180
Penny, E. G.....	Montreal .....	5,900	3,540
Pelletier, G. L.....	Matane .....	100	60
Plamondon, J. B.....	St. Césaire.....	2,300	1,380
Pollock, J. M.....	Montreal .....	600	360
Porter, G. M.....	St. Stephen, N.B.....	300	180
Pomroy, B., Estate of late.....	Compton .....	300	180
Pozer, D. G.....	St. George, Beauce.....	400	240
Potvin, Rev. G.....	St. Aubert.....	100	60
Poole, H. S.....	Halifax .....	2,900	1,740
Pouliot, Alphonse .....	Quebec.....	600	360
Pouliot, J. B.....	Fraserville.....	1,200	720
Proteau, J. B.....	St. Aubert.....	300	180
Poirier, F. L.....	Rivière du Loup ( <i>en bas</i> ).....	200	120
Pouliot, J. E.....	do .....	100	60
Prevost, Mde. L.....	Quebec.....	200	120
Price, G. R.....	St. John, N.B.....	200	120
Poulin, E.....	St. George.....	100	60
Poitras, J. T.....	Coaticook.....	300	180
Pratt, John, Estate of.....	Montreal .....	7,000	4,200
Price, Evan John.....	Quebec.....	600	360
Price, C. V.....	Kingston .....	800	480
Pugh, John.....	Halifax .....	3,600	2,160
Quinn, W. H.....	Fredericton.....	600	360
Quinn, Mary.....	do .....	600	360
Quay, W.....	Port Hope .....	1,200	720
Rankin, John.....	Embo .....	300	180
Randolph, A. T.....	Fredericton, N.B.....	600	360
Reinhardt, C. S.....	Montreal .....	4,200	2,520
Reid, William.....	do .....	600	360
Reid, Robert.....	St. John, N.B.....	600	360
Renfrew, G. R.....	Quebec .....	300	180
Read, John L.....	Lindsay .....	300	180
Renouf, Cyprien.....	Trois Pistoles .....	600	360
Reinhart, Mrs. G.....	New York.....	6,700	4,020
Reid, W. J. & Co.....	London .....	200	120
Read, Alfred J.....	Montreal .....	1,700	1,020
Rees, D. J.....	do .....	1,200	720
Reed, James.....	St. John, N.B.....	1,200	720
Read, W. B.....	Lindsay .....	200	120
Richard & Plamondon .....	Quebec .....	600	360
Richard, George.....	St. Paschal.....	600	360
Richard, Gregoire.....	Cap Sante.....	300	180
Rioux, Napoleon.....	Peterville, Isle d'Orleans.....	600	360
Rioux, Narcisse.....	Quebec.....	300	180
Richardson, James.....	Kingston .....	2,900	1,740
Ritchie, Thos. A.....	Halifax .....	3,400	2,040
Richard, Ferdinand.....	Cap Sante.....	200	120
Rioux, Eloi.....	Trois Pistoles.....	600	360

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Rhodes, Col.....	Quebec.....	100	60
Robertson, Andrew.....	Montreal.....	10,000	6,000
Rocheleau, E. A.....	Three Rivers.....	600	360
Roy Saluste.....	St. Jean, Port Joli.....	200	120
Roy Charles.....	Quebec.....	600	360
Rosa, Joseph.....	do.....	1,000	600
Roy, Gilbert.....	St. Henri de Lauzon.....	800	480
Roy, Ferdinand.....	St. Raphael.....	200	120
Robinson, George.....	London.....	300	180
Robertson, Henry, Estate of.....	St. John, N.B.....	300	180
Ross, Lewis.....	Port Hope.....	1,500	900
Robinson, Isaac.....	Peterboro'.....	300	180
Rochette, Cleophas.....	Quebec.....	600	360
Rosamond B.....	Almonte.....	600	360
Robinson, Robert.....	St. Andrews, N.B.....	300	180
Robson, W. M.....	Lindsay.....	300	180
Robertson, J. B.....	Montreal.....	10,000	6,000
Robertson, Alexander.....	do.....	10,000	6,000
Ross, Capt. Wm.....	do.....	700	420
Rolland, S. J. B.....	do.....	500	300
Robertson, George R.....	do.....	13,700	8,220
Roussel, Rev. P.....	Quebec.....	300	180
Ross, John.....	do.....	1,100	660
Rose, R. M.....	Kingston.....	200	120
Rochette, Olivier.....	Quebec.....	1,800	1,080
Robertson, James.....	Montreal.....	4,900	2,940
Robertson, George, Estate of.....	Kingston.....	1,500	900
Roy, Odilon.....	Quebec.....	600	360
Roy, Odilon, in trust.....	do.....	3,000	1,800
Robinson, C. H.....	Halifax.....	1,700	1,020
Ross, Robert.....	Montreal.....	300	180
Roy, James & Co.....	do.....	200	120
Roy, Lieut.-Col. Thos.....	Quebec.....	200	120
Ross, James G.....	do.....	1,200	720
Robinson, Morris.....	St. John, N.B.....	1,200	720
Robinson, T. B.....	do.....	1,200	720
Robillard, J., Estate of.....	Montreal.....	1,300	780
Ross, P. S.....	do.....	7,400	4,440
Russell, J. W.....	Ottawa.....	600	360
Russell, Willis.....	Quebec.....	600	360
Rutherford, John.....	Halifax.....	1,700	1,020
Russel, E. F.....	do.....	1,200	720
Russell, Forbes & Co.....	Ottawa.....	600	360
Saucier, Antoine.....	Maskinonge.....	300	180
Sawyer & Co., L. D.....	Hamilton.....	600	360
Sansfaçon, Rev. Louis.....	L'Islet.....	300	180
Sarrazin, Hercule.....	St. Elizabeth.....	300	180
Savage, Alfred & Son.....	Montreal.....	1,200	720
Samson, Chas.....	Quebec.....	300	180
Sadler, Wm.....	Lindsay.....	300	180
Scanlan, Timothy.....	Montreal.....	600	360
Schiller, C. E.....	do.....	600	360
Schofield, Wm. Aug.....	Brockville.....	600	360
Scully, J.....	Lindsay.....	400	240
Setmouth, J. D.....	St. Anne de la Pocatière.....	100	60
Senecal, Frederick.....	Montreal.....	1,600	960
Seigel, J.....	Three Rivers.....	600	360
Seminaire Quebec.....	Quebec.....	600	360
Seifert, Auguste.....	do.....	300	180

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Senetal, Elie.....	Sorel.....	1,000	600
Senkler, E. J.....	St. Catharines.....	600	360
Sharkey, O.....	Fredericton.....	300	180
Shearer, James.....	Montreal.....	2,900	1,740
Shonyo, S. H.....	Melbourne, P.Q.....	200	120
Shaw, Henry J.....	Montreal.....	400	240
Shuttleworth, Major G. H.....	London.....	1,800	1,080
Simard, F.....	Quebec.....	300	180
Sise, C. F.....	Montreal.....	6,300	3,780
Simpson, Jas.....	Hamilton.....	2,900	1,740
Silver, John.....	Halifax.....	700	420
Sinclair, John A.....	do.....	5,900	3,540
Sirois, H. J.....	Cacouna.....	100	60
Sincennes, J. B.....	Montreal.....	200	120
Skinner, C. N.....	St. John, N.B.....	300	180
Slater, George T.....	Montreal.....	500	300
Small, Otis.....	St. John, N.B.....	300	180
Smith, Bennett.....	Halifax.....	4,400	2,640
Smith, G. Sydney.....	St. John, N.B.....	900	540
Smith, A. Chipman.....	do.....	1,200	720
Smith, J. Murray.....	Montreal.....	400	240
Smith, Miss A.....	do.....	100	60
Smith, S. S. B.....	Halifax.....	1,800	1,080
Smith, J. Wesley.....	do.....	1,400	840
Smit, Benj. A.....	do.....	2,400	1,440
Smith, Allison.....	do.....	1,200	720
Smith, Wiley.....	Halifax.....	1,200	720
Steward, David.....	Montreal.....	600	360
Strachan, James.....	do.....	1,300	780
Stewart, D. S.....	St. John, N.B.....	300	180
St. Louis, D.....	Windsor.....	600	360
St Aubin, D. F.....	Matane.....	300	180
Stewart, John.....	St. John, N.B.....	600	360
Stewart, William.....	Guelph.....	600	360
St Denis, A.....	Montreal.....	3,300	1,980
Stimson, Mrs. M. M.....	do.....	3,400	2,040
Strachan, Wm.....	do.....	300	180
Stayner, Mrs. C. A.....	Halifax.....	2,400	1,440
Stairs, W. J.....	do.....	11,700	7,020
Stockton, A. A.....	St. John, N.B.....	500	300
Stagg, John, jun.....	Brockville.....	300	180
Sumner, George.....	Montreal.....	600	360
Sutherland, Jos., Estate of.....	do.....	600	360
Suffel, George.....	Ingersoll.....	600	360
Sutton, Thomas.....	Montreal.....	1,200	720
Talbot, Jas.....	Rimouski.....	300	180
Tate, George.....	Montreal.....	1,700	1,020
Taylor, E. A. & Co.....	London.....	200	120
Taylor, Henry, Trustees.....	do.....	59,800	35,880
Taschereau, Alp.....	St. Joseph, Beauce.....	200	120
Tétu, Cirice.....	Quebec.....	600	360
Tessier, Cyrille.....	do.....	600	360
Terreau, Vve Charles.....	do.....	300	180
Tessier, Ulric.....	do.....	1,700	1,020
Tessier, Mrs. A. E.....	St. Jean, Port Joli.....	300	180
Thompson, John.....	Montreal.....	600	360
Therault, Michael.....	Quebec.....	600	360
Thompson, Richard.....	St. John, N.B.....	600	360
Thibaudeau, Hon. I.....	Quebec.....	2,300	1,380

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Thibaudau, Hon. J. R.....	Montreal.....	16,300	9,780
Thornton, J.....	Coaticook.....	300	180
Thompson, Thomas.....	London.....	800	480
Thomson, James.....	Halifax.....	3,000	1,800
Them, Alex.....	Quebec.....	100	60
Tibbets, J., jun.....	Fredericton, N.B.....	600	360
Tillson, E. D.....	Tilsonburg.....	1,200	720
Todd, C. F.....	St. Stephen, N.B.....	600	360
Todd, H. W.....	do.....	600	360
Todd, T. H.....	do.....	2,400	1,440
Trudel, Rev. Chas.....	St. Anne de la Pocatière.....	300	180
Tranchemontagne, Ls.....	Berthier <i>en haut</i> .....	300	180
Troop, G. J.....	Halifax.....	3,000	1,800
Turcotte, J. U.....	Montreal.....	600	360
Turcot, Narcisse.....	Quebec.....	300	180
Turcot, Nazaire.....	do.....	600	360
Turgeon, Elie.....	do.....	600	360
Turnbull & Co.....	St John, N.B.....	600	360
Turner, James.....	Hamilton.....	1,700	1,020
Turner Alex.....	do.....	1,700	1,020
Turcotte, H. A.....	Quebec.....	100	60
Turner, Jas. W.....	Halifax.....	1,200	720
Turcotte, L. U.....	Sorel.....	1,100	660
Turcotte, Z.....	Pierreville.....	300	180
Vanasse, P. B.....	Three Rivers.....	600	360
Vassie, John.....	St. John, N.B.....	600	360
Vadeboncœur, E.....	Quebec.....	200	120
Yadnait, Louis.....	St. Cuthbert.....	1,700	1,020
Vandry, Zephirin.....	Quebec.....	30	180
Vachon, Moise.....	Beauport.....	100	60
Verrault, P. G.....	St. Jean, Port Joli.....	300	180
Vezina, Louis.....	do.....	600	360
Vezina, A., & J.....	do.....	300	180
Vezina, Etienne.....	Cap St. Ignace.....	200	120
Versailles, Joseph.....	Montreal.....	800	480
Vezina, Zephirin.....	St. Joseph Beauce.....	300	180
Veldon, J. J.....	Quebec.....	300	180
Vindin, E. S.....	Port Hope.....	900	540
Vincent, Andre.....	Montreal.....	200	120
Villers de Abraham.....	Cacouna.....	900	540
Vocelle, O.....	Quebec.....	300	180
Voyer, Henri.....	Stanford.....	200	120
Wait, George.....	Montreal.....	600	360
Watt, George.....	Brantford.....	600	360
Waterman, Herman.....	London.....	300	180
Walsh, William.....	Peterboro'.....	600	360
Watson, Robert.....	St. Stephen, N.B.....	1,200	720
Waters, J. R.....	Cedars.....	1,700	1,020
Ward, H. A.....	Port Hope.....	2,500	1,500
Watts, Alfred.....	Brantford.....	1,800	1,080
Watreous, C. H.....	do.....	7,800	4,680
Waterous, A. T.....	do.....	1,300	780
Watson, John, & Co.....	Montreal.....	1,500	900
Walsh, P.....	Halifax.....	2,400	1,440
Watt, Alex., Estate of.....	Montreal.....	2,400	60
Watters, Adam.....	Quebec.....	100	60
Walton, R.....	Peterboro'.....	100	60
Weaver, A. O., in trust for Ernest.....	Montreal.....	900	540
Weaver, A. O., in trust for Frank.....	do.....	900	540



ROYAL CANADIAN INSURANCE COMPANY—Continued.

LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Wenfield Richard.....	Quebec.....	\$ 300	\$ 180
White, S. P.....	Kingston.....	200	120
West, A. W.....	Halifax.....	2,900	1,740
Whitlock, Julius T.....	St. Stephen, N.B.....	100	60
White, John T.....	Hamilton.....	600	360
Wilson, Mrs. Andrew.....	Montreal.....	5,000	3,000
Wiseman, Thos.....	Mile End.....	300	180
Wilson, R. T., & Co.....	Dundas.....	300	180
Wilkinson, G. M.....	Kingston.....	600	360
Wilmot, E. H.....	Fredericton.....	600	360
Williams, Miles.....	Montreal.....	1,200	720
Wilkes, Miss Annie.....	Brantford.....	4,700	2,820
Williams, A. T. H.....	Port Hope.....	1,500	900
Wilkes, G. H.....	Brantford.....	1,400	840
Wilson, Z.....	Ottawa.....	200	120
Winslow, John O.....	Woodstock, N.B.....	200	120
Willis, Edward.....	St John, N.B.....	300	180
Wilson, Thos.....	Montreal.....	2,500	1,500
Wilson, Andrew, Executors of.....	do.....	5,000	3,000
Winch, R. J.....	Cobourg.....	1,200	720
Williams, J.....	St John, N.B.....	100	60
Woods, S.....	Kingston.....	300	180
Wright, Patrick.....	Montreal.....	600	360
Wray, Mrs. M. J.....	Lindsay.....	600	360
Wright and Durand.....	London.....	200	120
Wulf & Co.....	Montreal.....	600	360
Yates, Horatio, Estate of.....	Kingston.....	1,800	1,080
Young, J. W., Estate of.....	Halifax.....	11,700	7,020
Stewart, Jas.....	Montreal.....	100	60
Tanguay, Leocadie.....	St. Charles.....	300	180
Jones, Seneca.....	Hamilton.....	600	360
	Total.....	1,708,500	1,025,100

PAID BUT NOT REDUCED.

Bertran, John.....	Peterboro'.....	1,000	200
Belleau, Mrs. M.....	St. Roch.....	200	40
Drolet, G. A.....	Montreal.....	3,500	700
Michaud, P. M.....	Trois Pistoles.....	200	40
Pelletier, Mrs A.....	Cacouna.....	400	80
Gagnon, A. S.....	Montreal.....	8,100	1,620
	Total.....	13,400	2,680

SHAREHOLDERS HAVING CALLS TO PAY.

Angus, R.....	Ottawa.....	7,000	700
Angers & Irwin.....	do.....	500	25
Armstrong & Co.....	St. John, N.B.....	1,800	180
Allyn, R.....	Quebec.....	400	60
Audet, G. J.....	do.....	900	90
Arsenault, N.....	Sorel.....	1,000	100

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## SHAREHOLDERS HAVING CALLS TO PAY—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Butler, W.....	Halifax.....	4,400	440
Blanchet, H.....	St. Charles.....	300	40
Berry, Lindsay.....	Lindsay.....	400	40
Begin, P.....	Lévis.....	100	15
Bisson, Mrs. A. W.....	Quebec.....	600	65
Brasbie, R. A.....	Guelph.....	1,800	180
Babin, G.....	St. Jean, Port Joli.....	1,300	130
Bertrand, A.....	St. Johns.....	1,800	180
Berthiaume, J.....	St. Simon.....	100	10
Baillargeon, G.....	St. Anselme.....	400	40
Boissel, A.....	St. Gervais.....	200	10
Beaupré, J.....	Arthabaska.....	300	30
Barvis, T.....	do.....	100	10
Bryne, J.....	Quebec.....	400	40
Beddome, F. B.....	London.....	500	50
Barbe, Mrs. A. B.....	St. Paschal.....	400	60
Bernatchez, O.....	St. Flavie.....	400	40
Billy, L. A.....	Rimouski.....	500	50
Bossé, J. G.....	Quebec.....	900	90
Berube, A.....	Rivière Onelle.....	200	20
Begin, L. C.....	Kamouraska.....	100	5
Beaulieu, J. B.....	Cacouna.....	400	20
Bacon, J. L.....	St. Thomas.....	3,100	485
Chitty, G. L.....	Chelsea.....	900	90
Cloutier, J.....	St. Aubert.....	400	60
Chenet, P.....	Ottawa.....	500	50
Corcoran, R. E.....	do.....	900	90
Chisholm, D.....	do.....	900	90
Cameron, D. M.....	Strathroy.....	300	15
Côté, A. & Cie.....	Quebec.....	1,000	100
Coolican, J. L. & F.....	do.....	500	50
Gonnolly & Co.....	do.....	1,800	180
Carrier, L. N.....	St. Henri.....	3,500	525
Carreau, J. P.....	St. Johns.....	2,000	200
Champness, W.....	Ottawa.....	500	50
Côté, O.....	do.....	500	50
Cluff, W. H.....	do.....	500	25
Cloutier, E.....	Acton Vale.....	400	60
Cadotte, J. P.....	St. Hugues.....	200	10
Campbell, G.....	Windsor.....	8,800	880
Caron, Zélie.....	Trois Saumons.....	2,500	250
Côté, S.....	Quebec.....	500	25
Cardin, P.....	Sorel.....	1,800	180
Cardin, L. P. P.....	do.....	4,200	420
Chamberlin, Dame.....	St. Michel.....	300	30
Calhoun, W. S.....	St. John, N.B.....	900	90
Charlton, E. J.....	Montreal.....	1,800	180
Chadwick, C. E.....	Ingersoll.....	4,500	450
Charbonneau, F. O.....	Quebec.....	4,300	430
Campbell, D. J.....	Montreal.....	100	15
Dumont, J. J.....	do.....	900	90
Dupuis, J. N.....	do.....	2,000	200
Daly, T. M.....	Stratford.....	1,000	50
Drapeau, A. & Frères.....	Rimouski.....	400	40
Duquet, F. D.....	do.....	200	10
D'Anjou, A.....	Trois Pistoles.....	900	135
Deguisse, P. F.....	Rivière du Loup.....	400	20
Duval, D. A.....	Pointe Lévis.....	500	75

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## SHAREHOLDERS HAVING CALLS TO PAY—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	
Desjardins, L. J. E.....	Cap St. Ignace.....	700	70
Dion, L. D.....	Ottawa.....	100	5
Dumas, D. A.....	St. Charles.....	900	90
Dubuc, F. X.....	St. George Beauce.....	400	40
Davidson, K. R.....	Ottawa.....	100	5
Demers, A.....	Montreal.....	900	135
Derome, L. J. A.....	Montreal.....	500	60
Dessaint, A.....	Kamouraska.....	200	20
Dionne, A. B.....	St. Paschal.....	700	70
Daoust, J. G.....	Windsor.....	3,000	300
D'Anjou, A.....	St. Simon.....	1,800	270
Derocher, Mrs. M.....	Three Rivers.....	3,500	350
Duguay, J.....	La Baie.....	500	50
Degrosse, Mrs. A.....	Lindsay.....	500	50
Decelles, A. D.....	Montreal.....	1,000	155
Deguise, Mrs. M. A.....	Ste. Anne de la Pocatière....	2,000	200
Donnelly, J.....	Montreal.....	5,000	500
Dyas, P.....	London.....	900	135
Deschamps, F. R.....	Montreal.....	500	50
Durocher, S. A.....	St. Hyacinthe.....	10,000	1,000
Dionne, L. B.....	Fraserville.....	2,000	200
Devlin, B.....	Montreal.....	1,800	180
Derome, Miss H.....	Joliette.....	300	45
Ely, F. E.....	Cacouna.....	700	70
Frappier, Jos.....	Montreal.....	500	50
Fraser, A.....	Matane.....	200	30
Fournier, A.....	Rimouski.....	400	20
Fournier, J. B. A.....	St. Anne.....	100	10
Francoeur, M.....	St. Roch des Aulnaies.....	400	40
Fafard, J. O.....	L'Islet.....	2,000	200
Fortin, N.....	Cap St. Ignace.....	200	20
Fournier, J.....	Ste. Flavie.....	700	130
Fortier, T.....	Quebec.....	200	20
Fitzsimmons & Brown.....	Ottawa.....	200	10
Featherston, J. P.....	do.....	500	90
French, H.....	St. Hugues.....	100	10
Franchère, J.....	Marieville.....	1,000	100
Fournier, L.....	Rimouski.....	600	90
Flock, J. H.....	London.....	500	50
Fortier, C. G.....	Buffalo.....	3,000	300
Fortier, Mrs. C. G.....	do.....	2,000	200
Flint, W. H.....	Montreal.....	700	105
Flint, G. H.....	do.....	500	75
Gauthier, E. C. E.....	Quebec.....	1,000	150
Gibson, G. H. P.....	Ottawa.....	400	50
Gosselin, C.....	St. Charles, R.S.....	400	60
Giguere, P.....	Quebec.....	100	10
Gauthier, L.....	Montreal.....	1,800	180
Gagnier, A.....	Kamouraska.....	200	20
Gastonguay, G.....	Quebec.....	1,800	180
Gingras, J. B.....	do.....	200	20
Gamache, L.....	do.....	900	135
Guerin, C. L.....	Montreal.....	1,500	150
Girouard, D.....	do.....	2,800	280
Gilman, Mrs. D.....	St. John, N.S.....	900	90
Hulbig, C.....	Montreal.....	400	40
Henderson, D. A.....	do.....	1,000	125
Hogue, Jos.....	do.....	500	50
Huot, Lucien.....	do.....	1,800	180

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## SHAREHOLDERS HAVING CALLS TO PAY—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Hugeli, A.....	Port Hope.....	1,000	100
Harvey, Jas.....	Montreal.....	1,000	100
Haney & Forgie.....	Ottawa.....	200	20
Hawkins, E. E.....	do.....	200	20
Hedley, James.....	Toronto.....	20,000	2,000
Hilburg, H.....	New York.....	10,000	1,000
Irwin & Boyd.....	Port Hope.....	1,800	180
Jordan & Benard.....	Montreal.....	3,500	350
Jette, L. A.....	do.....	1,000	100
Jardine Bros.....	Ottawa.....	200	10
Joncas, C.....	Quebec.....	1,000	100
Jarvis, W. L.....	Montreal.....	300	45
Kennedy & Jackson.....	do.....	1,000	100
Kennedy, Kate.....	Chatham.....	900	90
Larue, F.....	Three Rivers.....	2,000	200
Lafleur, L. H.....	Montreal.....	5,300	530
Lapalme, S.....	Sorel.....	900	90
Lemay, Mrs. L.....	Montreal.....	1,000	100
Langlois, E.....	Rimouski.....	700	70
Ladriene, Rev. A.....	Isle Verte.....	200	20
Lapointe, C. F.....	Ste. Flavie.....	1,400	210
Lewis, R.....	London.....	1,000	150
Labrecque, J.....	St. Charles, Bellechasse.....	900	135
Lamb, W. A.....	Ottawa.....	400	40
Lippe, H.....	Acton Vale.....	200	20
Laforme, A.....	St. Hugues.....	100	15
Languedoc, Mrs. A.....	L'Islet.....	900	135
Languedoc, E.....	St. Michel.....	1,000	160
Langlois, E.....	St. Hugues.....	1,000	100
Larue, G. H.....	Quebec.....	3,500	360
Laframboise, Hon. M.....	Montreal.....	2,500	405
Labrie, J.....	Quebec.....	3,000	300
Lupien, G. E. R.....	Three Rivers.....	500	50
Lupien, M. A. A.....	do.....	500	50
Lacroix, P. O.....	Windsor.....	900	90
Lacroix, B. A.....	do.....	900	90
Lamontagne, Col. E.....	Quebec.....	47,300	4,730
Murray, C. R., in trust.....	Montreal.....	40,000	4,000
Murray, E.....	do.....	900	90
Mackay, P.....	Quebec.....	3,000	300
Morin, Mrs. C.....	St. George, Beauce.....	100	10
Montmigny, O.....	Ste. Marie.....	200	20
Mercier, J.....	St. Henedine.....	400	60
Madsen, E.....	Ottawa.....	200	10
Mortimer, G.....	do.....	300	15
Morrier, J.....	Acton Vale.....	900	135
Mathieu, N.....	St. Anselme.....	900	90
Massie, Jas.....	Guelph.....	11,000	1,650
Mathieu, M.....	Sorel.....	2,500	300
Marceau, H.....	St. Henri.....	500	70
Marion, J. P.....	Montreal.....	2,000	200
Masson College.....	Terrebonne.....	17,500	1,750
McQuaig, R. O.....	Ottawa.....	200	20
McDonnell, D.....	do.....	200	20
McNeil, Mrs. N.....	St. Paschal.....	700	70
McCaughy, J.....	Ingersoll.....	3,500	350
McDonald & Kelly.....	Fredericton.....	900	90
McDougall, F.....	Ottawa.....	1,000	150
McGregor, W.....	Windsor.....	5,300	530

## ROYAL CANADIAN INSURANCE COMPANY—Continued.

## SHAREHOLDERS HAVING CALLS TO PAY—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
McIntosh, J.....	Windsor.....	\$ 5,300	660
McAllister, J.....	do .....	5,300	530
McAuly, Thos.....	Kingston.....	900	90
McAdam & Son, jun.....	St. Stephen.....	500	50
McKenzie, R.....	Montreal.....	2,500	250
Nichols, Mrs. A. S.....	Havelock.....	500	50
Olivier, D. L. V.....	Montreal.....	1,800	180
Oliva, Jas.....	St. Thomas.....	600	60
Perkins, J. A.....	Montreal.....	2,500	250
Parker, A. J.....	Ottawa.....	500	25
Pelletier, Jos.....	St. Paschal.....	100	15
Paradis, O.....	Kamouraska.....	200	20
Pelletier, L.....	St. Jean, Port Joli.....	300	45
Pelletier, J. N.....	St. Pierre, R.S.....	200	20
Papineau, J. G.....	Montreal.....	1,000	150
Porcheron, E. D.....	do .....	1,800	180
Faquet, A.....	St. George.....	400	40
Parent, C. F.....	Rimouski.....	900	140
Patterson, J. C.....	Windsor.....	4,500	450
Patterson, W. G.....	Guelph.....	4,400	440
Pulford, H. T. L.....	Windsor.....	2,000	380
Pulford, H. B.....	do .....	1,000	100
Perry, Chas.....	Toronto.....	10,000	1,500
Perry, Alfred.....	Montreal.....	10,000	1,000
Robinson, S.....	Fredericton.....	1,800	180
Russel, W. F.....	Ottawa.....	500	50
Robertson, J. D., & Co.....	St. John, N.B.....	900	90
Rutherford, R.....	Stratford.....	3,500	350
Richardson, W. M.....	Halifax.....	8,800	1,320
Rouleau, Rev. L.....	Matane.....	700	70
Reed, R.....	London.....	500	35
Roy, Jos.....	St. Fabien.....	500	50
Roy, J. B.....	St. Francois, R.S.....	1,000	150
Shape, John.....	Montreal.....	500	65
Stewart, Mrs.....	do .....	10,000	1,500
Slevin, J.....	St. Johns.....	1,000	150
St. Jean, Mrs. R.....	Montreal.....	200	30
Summerville, W.....	Ottawa.....	900	90
Saucier, L. P.....	Sandy Bay.....	400	20
Smith & Stewart.....	Ottawa.....	200	10
Sirois, F. A.....	St. Paschal.....	200	20
Shepherd, J. H.....	Windsor.....	5,300	630
Stewart, W. J., in trust.....	Montreal.....	1,000	100
Stewart, Luke.....	St. John, N.B.....	1,800	180
St. Pierre, H. C.....	Montreal.....	500	50
Scriven, J. F.....	do .....	200	20
Tanguay, A.....	St. Charles.....	1,000	125
Terroux, B.....	Arthabaska.....	900	90
Taschereau, H. S.....	Quebec.....	100	10
Turcotte, Mrs. E. C. L.....	Joliette.....	1,000	150
Toussaint, Miss P.....	St. Michel.....	600	60
Ténu, Miss Mary.....	Quebec.....	1,800	285
Ténu, Mrs. H.....	St. Anselme.....	900	90
Tapin, F. X.....	Three Rivers.....	1,800	180
Taché, J.....	Kamouraska.....	100	5
Taylor, J. B.....	Ottawa.....	1,800	180
Vidal, J. O.....	Lotbiniere.....	200	20
Vaillancourt, C.....	St. Anselme.....	100	10

ROYAL CANADIAN INSURANCE COMPANY—*Concluded.*SHAREHOLDERS HAVING CALLS TO PAY—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
Wright, J. H.....	Sorel .....	1,000	100
Wilkes, G. H.....	Brantford.....	1,800	180
Waterous, Miss E.....	do .....	1,300	130
White, Jas.....	Halifax.....	7,000	700
Wilson, R.....	do .....	17,500	1,750
Wilkes, G. H., in trust.....	Brantford.....	1,800	180
Wilkes, W. A .....	do .....	14,200	1,420
	Total.....	511,500	55,385

## SOVEREIGN FIRE INSURANCE COMPANY.

## LIST OF STOCKHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Estate of Hon. Geo. Brown .....	Toronto .....	\$ 7,500	\$ 1,500
D. D. Calvin .....	Garden Island .....	2,500	1,000
Beaufort and Sons .....	Montreal .....	6,000	1,700
B. M. Britton .....	Kingston .....	5,000	2,000
Estate of H. A. Betts .....	do .....	5,000	1,000
Wm. Sloan .....	Toronto .....	34,700	13,880
Gilmon Cheney .....	Montreal .....	10,000	4,800
Hon. M. C. Cameron .....	Toronto .....	5,000	1,000
Robt. Jaffray .....	do .....	2,000	800
J. D. Dalton .....	London .....	15,000	3,000
F. A. Ball .....	Toronto .....	10,600	4,240
C. F. Goodhue .....	London .....	13,000	3,800
A. Gunn .....	Kingston .....	5,000	2,000
E. K. Green .....	Montreal .....	5,000	1,000
Greenhow Banks .....	Toronto .....	2,000	400
J. D. Irwin .....	do .....	10,500	4,200
D. F. Irish .....	Montreal .....	2,500	1,000
J. K. Kerr .....	Toronto .....	11,500	2,300
Geo. Martin Rae .....	do .....	10,000	4,000
J. McDonald .....	do .....	3,000	1,200
Hon. A. Mackenzie .....	do .....	6,500	2,600
John Maughan .....	do .....	2,500	600
J. and C. Mackenzie .....	Sarnia .....	2,500	500
J. H. Mason .....	Toronto .....	10,000	4,000
Hon. Wm. McMaster .....	do .....	5,000	2,000
H. A. Nelson .....	Montreal .....	500	200
S. Nordheimer .....	Toronto .....	9,000	3,600
A. W. Russell .....	do .....	5,000	1,000
Larratt W. Smith .....	do .....	5,000	2,000
Col. A. D. Shaw .....	Manchester, Eng. ....	5,500	2,200
R. Waddell .....	Kingston .....	1,000	400
Rev. J. Hellmuth .....	London .....	2,500	1,000
A. C. Buck .....	Caledonia .....	2,000	600
O'Keefe and Co. ....	Toronto .....	2,000	800
J. H. Arnett, M.D. ....	Hamilton .....	10,000	2,000
Geo. Greig .....	Toronto .....	20,000	4,000
Mrs. Helen S. Blake .....	Woburn, Mass. ....	10,000	1,000
Samuel Harper .....	Kingston .....	500	200
J. K. Kerr, in trust .....	Toronto .....	7,500	1,500
Pellatt and Osler .....	do .....	2,000	600
John Walker .....	London .....	2,000	400
J. S. Cartwright .....	Toronto .....	5,000	2,000
Estate of D. F. Shaw .....	Cape Vincent, N.Y. ....	500	200
Hugh MacMahon .....	Winnipeg .....	2,500	900
Henry J. Jones .....	Perche Station .....	7,000	1,400
Jas. W. Bain .....	St. Polycarpe .....	1,000	400
Rev. J. O. Remillard .....	do .....	500	200
Elie Lemire .....	L'Assomption .....	1,000	400
Mrs. A. Archambault .....	do .....	2,000	700
Jean R. Morrier .....	Napierville .....	1,000	400
Henri R. Morrier .....	do .....	500	200
Dr. F. Z. Tassé .....	St. Laurent .....	1,300	260
Rev. J. Gravel .....	Montreal .....	1,000	200
Hon. L. Archambault .....	L'Assomption .....	9,000	1,800
Hon. Jos. Armand .....	Rivière des Prairies .....	3,000	1,200
J. N. A. Archambault .....	Varences .....	1,000	200
Rev. G. Vilieneuve .....	L'Assomption .....	1,500	300
Louis Guilbault .....	do .....	1,000	400
Rev. Fereol Dorval .....	do .....	6,000	1,200

## SOVEREIGN FIRE—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Rev. J. Gandel.....	L'Assomption .....	\$ 500	\$ 200
J. B. Forest.....	do .....	1,000	400
J. D. Rivest.....	do .....	1,000	400
Rev. J. L. Mangan.....	St. Remi .....	1,000	400
Mrs. O. H. Morrier.....	Napierville.....	500	200
P. Martel.....	L'Assomption .....	200	40
F. Forest.....	do .....	1,000	300
Rev. C. E. Frenette.....	St. Cyrille .....	500	200
Hon. P. E. Dostaler.....	Berthier .....	2,000	800
Arch. Dostaler.....	do .....	200	40
Rev. F. X. Delage.....	L'Islet .....	1,000	400
Rev. F. Dagenais.....	St. Roche .....	500	200
Chas. Marcotte.....	L'Islet .....	1,000	400
Napoleon Lavole.....	do .....	200	40
Rev. Albert Lacombe.....	Winnipeg.....	300	60
College de l'Assomption .....	L'Assomption .....	1,000	400
Edward Richard.....	do .....	2,000	400
Ludger Forest.....	do .....	1,000	400
Rev. Felix Rochette.....	Sault au Recollet.....	2,500	1,000
Zephirin Archambault.....	L'Assomption .....	1,000	200
Rev. Paul N. Thivierge.....	St. Bonaventure .....	100	20
J. O. Daigneault.....	St. Julie .....	100	40
Louis A. Seers.....	Beauharnois .....	4,000	1,600
Joseph Anctil.....	St. Anne de la Pocatiere.....	8,000	3,200
Jean T. Pominville.....	St. Vincent de Paul.....	3,000	1,200
Alfred Dostaler.....	Berthier .....	1,000	400
Pierre Lebel.....	St. Arsene.....	100	40
Wilfred Prevost.....	Montreal .....	2,000	400
Joseph Trudel.....	Batiscan .....	400	160
Robert Trudel.....	do .....	200	80
J. B. L. Lanthier.....	St. Polycarpe .....	1,000	400
Jos. A. Lanthier.....	do .....	2,500	1,000
Edouard Laberge.....	St. Philomene.....	2,000	800
Edouard A. Beaudry.....	Varenes.....	500	200
Olivier Genereaux.....	Berthier .....	3,000	1,200
Moise Branchaud.....	Montreal .....	1,500	600
Dunvis Gaudet.....	St. Anne des Plaines.....	1,000	400
Narcisse Dugas.....	St. Jacques de L'Achigan...	100	40
Camille E. Paré.....	St. Vincent de Paul.....	1,000	400
Joseph Paré.....	do .....	1,200	480
Jos L. Lafontaine.....	Roxton Falls.....	300	60
Laurent D. Lafontaine.....	Napierville.....	2,000	800
Cyrille Paré.....	Coté St. Lambert.....	500	100
Rev. J. M. Leclerc.....	St. Vincent de Paul.....	2,500	500
Rev. T. St. Aubin.....	Henryville .....	100	40
Rev. M. D. Caisse.....	St. Sulpice.....	2,000	800
Gustave Laviolette.....	Montreal .....	2,000	800
W. M. Lecavalier.....	St. Laurent.....	1,000	200
Estate Edouard Galarneau.....	Montreal .....	3,000	1,200
Charles Manseau.....	L'Assomption .....	1,000	200
Camille Archambault.....	do .....	3,000	600
La Corporation Episcopale Catholique Romaine.....	Montreal .....	5,300	1,060
Miss Melina Chevalier.....	L'Assomption.....	1,000	100
Joseph Archambault.....	St. Paul L'Ermite .....	2,000	800
Albert Brien.....	do .....	3,000	1,200
Jos. Marion.....	do .....	3,000	1,200
Pierre Grenier, M.D.....	St. Maurice.....	100	20
Rev. M. D. Marcoux.....	Champlain.....	100	20



## SOVEREIGN FIRE—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
La Corporation Episcopale Catholique Romaine.....	Three Rivers.....	200	80
Mrs. Ernestine Dufresne.....	do.....	3,000	800
Geo. A. Bourgeois.....	do.....	500	100
Edouard Richard, sen.....	L'Assomption.....	500	200
Edouard Leblanc.....	L'Epiphanie.....	2,200	880
Miss Eudoxie Richard.....	L'Assomption.....	1,000	100
Rev. Francois Caisse.....	St. Sulpice.....	600	240
Jean Blain.....	Napierville.....	2,000	800
Estate Ephrene Dufresne.....	Three Rivers.....	100	10
J. B. E. Mathieu.....	Montreal.....	5,400	2,160
Arthur Mathieu.....	Montreal.....	2,300	920
Firman Dugas.....	St. Liguori.....	1,000	400
Proxède Larue.....	St. Augustine.....	2,000	800
Hon. Pierre Fortin.....	Quebec.....	2,000	800
H. A. Paquet, M.D.....	St. Cuthbert.....	1,000	400
Victor Gladu.....	St. François du Lac.....	500	200
Henry Vassal.....	Pierreville.....	200	20
Est. Gaspard A. Massue.....	St. Aimé.....	400	160
Dr. Joseph Lemaitre.....	St Thos de Pierreville.....	500	200
G. & O. Reeves.....	Pointe aux Trembles.....	1,000	400
S. Germain Belisle.....	Joliette.....	1,000	400
Narcisse Allard.....	Pointe aux Trembles.....	1,000	400
Eustache Mathieu.....	Lachenaie.....	1,000	400
Louis Pare.....	St. Vincent de Paul.....	500	100
Stanislas E. Lefebvre.....	Montreal.....	100	40
Rev. B. Paquette.....	Quebec.....	1,000	400
Seminary of Quebec.....	do.....	1,000	400
Jos. A. Duchesneau.....	St. Vincent de Paul.....	3,000	600
Moise Guerin.....	Napierville.....	200	40
George R. R. Cockburn.....	Toronto.....	12,200	4,880
Hon. W. H. Chaffers.....	St. Cesaire.....	2,500	1,000
Hon. Jos. Gaudet.....	Gentilly.....	1,000	200
Hon. Theo Robitaille.....	Montreal.....	1,000	200
Hon Chas. Cormier.....	Plessisville.....	2,000	800
Louis H. Trudeau.....	Henryville.....	400	160
P. L. O'Donoghue.....	Montreal.....	200	80
Atomie Bruvel.....	St. Pierre Les Becquets.....	200	20
Basile Elie Polland.....	Berthier en haut.....	300	120
Elie Pellerin.....	do.....	1,000	400
Rev. W. Archambault.....	St. Felix de Valois.....	200	80
F. E. Rouleau.....	St. Bartholemy.....	100	10
Louis Vadnais.....	St. Cuthbert.....	500	200
Louis Tranchemontagne.....	Berthier en haut.....	1,000	350
Rev. Andre Brien.....	St. Cuthbert.....	100	40
F. X. A. Biron.....	do.....	500	200
Chas. Dorien.....	L'Assomption.....	2,000	800
Louis Beaubien.....	Montreal.....	100	20
N. H. Bourgouin.....	do.....	500	100
Thos. Gauthier.....	do.....	3,500	1,400
Alfred Pinsonneault.....	St. Jacques Le Mineur.....	100	40
Miss Jeanne Dufresne.....	Three Rivers.....	100	20
Est. Alex. Archambault.....	L'Assomption.....	2,000	800
A. M. Smith.....	Toronto.....	8,200	3,280
Michel Caron.....	Three Rivers.....	500	100
D. F. Dufresne.....	do.....	500	100
Nérée Hensan.....	L'Epiphanie.....	1,000	200
Elie Mailloux.....	L'Isle Verte.....	1,000	300
P. S. Gendron.....	Montreal.....	200	80

SOVEREIGN FIRE—Continued.  
LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Amount Subscribed for	Amount Paid up in Cash.
Elie Lacerte.....	Yamachiche.....	\$ 500	\$ 200
Pierre Barrette.....	St. Vincent de Paul.....	100	40
Gorgiana Archambault.....	L'Assomption.....	1,000	200
Prescille Archambault.....	do.....	500	200
Rev. Norbert Lavallée.....	St. Vincent de Paul.....	500	100
Zephirin Joubert.....	do.....	200	80
Dosithé Lacoursière.....	St. Geneviève.....	400	160
Dr. V. R. Lavallée.....	St. Felix de Valois.....	200	88
Pierre C. Ducharme.....	do.....	100	20
George Read.....	do.....	200	80
M. Cripean.....	do.....	100	48
Antoine Jos. Lacoursière.....	St. Stainslas.....	300	128
Narcisse P. Massicotte.....	St. Geneviève.....	100	40
Rev. A. Labelle.....	St. Jerome.....	100	20
Louis A. Langlais.....	St. Louis de Kamouraska.....	2,000	400
Mrs. M. V. Tessier.....	St. Jean, Port Joli.....	1,000	400
W. Redford Murlock.....	Winnipeg.....	2,000	400
Jos. N. Lambert.....	St. Stainslas.....	300	120
Elise Coallier.....	St. Remi.....	1,000	100
Henri Amignault.....	St. Hyacinthe.....	1,000	400
Eugène Archambault.....	L'Assomption.....	1,000	200
L. L. L. Desaulniers.....	Yamachiche.....	500	200
Louis E. Morin.....	Montreal.....	500	200
Adelard de Martigny.....	do.....	4,000	1,300
Octave Forget.....	Terrebonne.....	500	200
Rev. Amedée Demesnil.....	St. Hyacinthe.....	1,000	400
Rev. Jos. Morin.....	St. Jacques le Mineur.....	1,000	400
Rev. T. E. Dagenais.....	Sault au Recollet.....	1,000	400
Rev. F. Aubray.....	St. Jean.....	1,000	400
A. Desjardins.....	Montreal.....	2,000	800
Mrs. Mary K. Shaw.....	Manchester, Eng.....	7,500	3,000
Rev. Isidore Doucet.....	Malbaie.....	1,000	400
Goldwin Smith.....	Toronto.....	7,000	2,800
John R. Cartwright.....	do.....	5,000	2,000
Jas. O. Ireland.....	do.....	1,000	400
W. and C. Baines.....	do.....	300	60
La Rue Peck.....	Port Hope.....	5,000	1,000
Rev. A. O'Donnell.....	St. Hyacinthe.....	1,600	400
D. H. Allen, Trustee.....	Toronto.....	5,000	2,000
J. O. Villeneuve.....	St. Jean Baptiste.....	5,700	1,140
Rev. Pierre Poissante.....	St. Philippe.....	1,000	400
Rev. Geo. Chevreuil.....	St. Anne.....	500	200
Louis H. Archambault.....	Montreal.....	1,000	400
Boivin Van Stranbenzee.....	Kingston.....	2,000	800
Alphonse Lozeau.....	St. Vincent de Paul.....	1,000	400
Mrs. Margeret Blake.....	Toronto.....	2,000	800
Theophile Brunet.....	St. Augustin.....	500	100
Rev. Stanislas Tassé.....	Montreal.....	1,000	200
Hon. E. Dionne.....	St. Anne.....	2,000	800
John G. Scott.....	Toronto.....	2,500	1,000
A. H. Hudson.....	Crayford, Kent, Eng.....	2,000	600
Dame M. P. O. Dansereau.....	Montreal.....	1,000	100
Olivier Frechette.....	Berthier.....	500	200
Joseph Z. Martel.....	L'Assomption.....	3,500	1,520
J. M. and L. O. Loranger.....	Montreal.....	200	40
Mrs. Mary E. Smith.....	Toronto.....	5,000	2,000
Peter D. Conger.....	do.....	5,000	1,000
Mrs. Mary Harper.....	do.....	2,000	800
R. A. Donaldson.....	do.....	2,000	400

SOVEREIGN FIRE—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for	Amount Paid up in Cash.
Watson G. Parish.....	Farmersville.....	\$ 1,000	\$ 400
D. R. Calder.....	Kintore.....	1,000	400
Thos. G. Bright.....	Toronto.....	2,000	800
François Couture.....	St. Augustine.....	500	200
Jean Macardy.....	do.....	100	40
Basile Thibault.....	do.....	200	80
Wilbrod Constantine.....	do.....	800	320
Joseph Macardy.....	do.....	200	80
Ferdinand Côté.....	do.....	200	80
Fabrais Drolet.....	do.....	100	40
Joseph Côté.....	do.....	100	40
Louis Jobin.....	do.....	500	200
Bernard Saunders.....	Toronto.....	2,000	600
Dr. T. S. Covernton.....	Winnipeg.....	500	200
C. E. Baines.....	Cincinnati.....	500	100
Rev. J. A. F. McBean.....	North Georgetown.....	3,000	1 100
Louis A. Senecal.....	Montreal.....	2,000	800
	Total.....	600,000	191,890

## SUN LIFE ASSURANCE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Alexander, Charles.....	Montreal .....	\$ 5,000	\$ 625
Abbott, Hon. J. J. C., M.P.....	do .....	5,000	625
Anderson, Robert.....	do .....	29,000	4,875
Buntin, Alexander.....	do .....	20,000	2,500
Boyd, John.....	St. John, N.B.....	3,300	412
Bryson, T. M.....	Montreal .....	7,500	937
Brush, George S.....	do .....	2,000	250
Barbeau, E. J.....	do .....	5,000	625
Burland, G. B.....	do .....	2,000	250
Cumming, W. B.....	do .....	10,000	1,250
Cooper, William.....	do .....	5,000	625
Craig, Thomas.....	do .....	2,000	250
Campbell, F. W., M.D.....	do .....	2,000	250
Coulson, D.....	Toronto .....	1,000	125
Cohen, M., in trust.....	Hamilton .....	3,300	413
Cox, George A.....	Peterboro.....	4,000	500
Cheese, W. E.....	Montreal .....	2,000	250
Cameron, A. H., Estate of.....	do .....	1,000	125
Claxton, T. James.....	do .....	5,000	625
Cramp, G. B.....	do .....	5,000	625
Delisle, A. M., Estate of.....	do .....	4,000	500
Dakers, James.....	do .....	1,000	125
Ewing, S. H. & A. S.....	do .....	5,000	625
Edgar, Frank.....	do .....	1,500	187
Finlay, Samuel.....	England.....	10,000	1,250
Fisher, C. H. B.....	Fredericton .....	4,000	500
Filgate, Samuel.....	Montreal .....	1,000	125
Forester, Rev. J. S., in trust.....	do .....	2,000	250
Gault, M. H., M.P.....	do .....	40,000	5,000
Gault, A. Fred.....	do .....	25,000	3,125
Gault, L. H.....	do .....	11,000	1,375
Gault, R. L.....	do .....	2,000	250
Gault, E. J.....	do .....	10,000	1,250
Gilroy, Thomas.....	Winnipeg.....	13,000	1,625
Greene, E. K.....	Montreal .....	5,000	625
Gould, Charles H.....	do .....	2,000	250
Gunter, J. B.....	Fredericton .....	100	13
Hutton, James.....	Montreal .....	10,000	1,250
Hamilton, Alexander.....	do .....	5,000	625
Howard, R. P., M.D.....	do .....	5,000	625
Hingston, W. H., M.D.....	do .....	1,000	125
Miller, W. T.....	do .....	10,000	1,250
McKenzie, M.....	do .....	21,000	2,625
McLennan, Hugh.....	do .....	12,000	1,500
Mackay, Edward.....	do .....	10,000	1,250
McLennan, Hon. John.....	Glengarry.....	10,000	1,250
Moss, S. H. & J.....	Montreal .....	5,000	625
Morrice, David.....	do .....	5,000	625
Moat Robert.....	do .....	2,000	250
McDougall, A.....	do .....	7,000	875
McFarlane, D.....	do .....	5,000	625
McCarthy, D. & J.....	Sorel .....	5,000	625
Macaulay, R.....	Montreal .....	16,500	2,063
Macaulay, R., in trust.....	do .....	300	37
Macaulay, T. B.....	do .....	1,000	125
Meyer, H. W. C.....	Wingham, Ont.....	1,400	175
Moss, H.....	Montreal .....	2,000	250
Moss, J. E.....	do .....	1,000	125
Ogilvie, Hon. A. W.....	do .....	5,000	625

SUN LIFE—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
		\$	\$
O'Brien, W.....	Montreal .....	5,000	625
Paterason, W. S.....	do .....	1,000	125
Prowse, George R.....	do .....	1,000	125
Reekie, R. James, Estate of late.....	do .....	10,000	1,250
Rae, Jackson.....	do .....	2,500	312
Rogers, George.....	do .....	9,100	1,137
Rose, Alexander.....	do .....	4,300	538
Reid, William.....	do .....	8,000	1,000
Robertson, Henry.....	do .....	2,000	250
Robertson, Margaret.....	do .....	1,000	125
Robertson, Archer.....	do .....	1,000	125
Rae, William.....	Quebec.....	2,500	312
Richards, Joseph.....	Montreal.....	2,500	313
Springs, R.....	do .....	2,000	250
Skalton, Leslie J. H.....	do .....	2,000	250
Stevenson, James, Estate of late.....	do .....	1,000	125
Tasker, James.....	do .....	10,000	1,250
Vanwart, Wealey.....	Fredricton .....	2,500	313
Williams, A. L., in trust.....	Montreal .....	500	62
Waldie, John.....	Burlington.....	10,000	1,250
Workman, Thomas.....	Montreal.....	10,000	1,250
Withall, W. J.....	Quebec.....	10,000	1,250
Wilson, Andrew, Estate of late.....	Montreal.....	2,500	313
Wilson, Esther.....	do .....	2,500	312
Warren, W. H.....	do .....	1,000	125
Wilson, John T.....	do .....	1,000	125
	Total .....	500,000	62,500

## THE TORONTO LIFE ASSURANCE AND TONTINE COMPANY.

## LIST OF SHAREHOLDERS.

Name.	Residence.	Amount Subscribed for.	Amount Paid up in Cash.
Burland, G. B.....	Montreal .....	\$ 5,000	\$ 2,500 00
Bosworth, N. A.....	Stratford .....	1,000	272 70
Brouse, W. H., Estate of.....	Prescott.....	1,000	500 00
Bigelow, N. G.....	Toronto .....	2,000	631 04
Bain, John.....	do .....	1,000	169 77
Beddome, W. C.....	do .....	200	40 08
Duggan, J., Estate of.....	do .....	2,500	700 00
Duggan, G., Estate of.....	do .....	2,500	756 00
Dumspagh, W. H.....	do .....	1,000	250 00
Gray, R. U.....	do .....	1,200	300 00
Holliday, T.....	Stratford .....	500	185 45
Harvey, Jane.....	Toronto .....	20,000	5,000 00
Hay, Jane.....	do .....	1,000	250 00
Harvey, Arthur.....	do .....	45,500	11,415 15
Jenkins, W.....	Clinton .....	1,000	250 00
Kerr, Wm.....	Mitchell .....	500	136 65
Kirkpatrick, J. C.....	Goderich .....	500	145 80
Landsborough, R.....	Clinton .....	3,600	1,000 00
Lawrence, G. W.....	Stratford .....	300	115 77
Morton, T. D.....	Brucefield .....	1,000	250 00
MacDonell, W. J.....	Toronto .....	2,500	1,500 00
Pritchard, J.....	Auburn .....	2,400	600 00
Perter, W. H.....	Clinton .....	500	125 00
Rose, G. M.....	Toronto .....	2,000	621 75
Shaw, J. R.....	Galt .....	1,000	432 04
Shaw, W. J.....	do .....	1,000	250 00
Stidston, J. H.....	Welland .....	500	125 00
Scott, C. T.....	Wingham .....	500	125 00
Thwaites, R., Estate of.....	Clinton .....	500	125 00
Walker, A.....	Chili .....	2,000	1,000 00
	<b>Total.....</b>		
		104,200	29,772 20

## WESTERN ASSURANCE COMPANY.

## LIST OF STOCKHOLDERS.

Name.	Residence.	Number of Shares.	Amount Paid up Cash.
Estate of R. G. Anderson.....	Toronto.....	20	\$ 400
Miss J. E. Alexander.....	Woodstock.....	20	400
J. Austin & R. H. Bethune, in trust.....	Toronto.....	£36	16,720
Frank Arnoldi, in trust.....	do.....	37	740
Mrs. Mary Alexander.....	do.....	5	100
Rev. Jno. Anderson.....	Hamilton.....	20	400
James Alexander.....	Toronto.....	50	1,000
A. Allen, Sub Man'g, in trust.....	do.....	30	600
Rev. J. Barclay.....	do.....	49	980
Mrs David Blair.....	do.....	180	3,600
Robt. S. Brown.....	do.....	20	400
Noah Barnhart.....	do.....	100	2,000
J. G. Bowes.....	do.....	34	680
J. Burns.....	do.....	25	500
O. C. Baines.....	do.....	3	60
Mrs. Sarah Beaty.....	do.....	40	800
Estate of Wm. Bilton.....	do.....	9	180
Robt. Beaty.....	do.....	100	2,000
W. S. Lee, Trustees of Estate of Thos. Bell	do.....	20	400
W. & O. Baines.....	do.....	52	1,640
J. & P. Browne.....	do.....	25	500
Charlotte Boswell.....	Ottawa.....	200	4,000
Mrs. Nellie Barber.....	Toronto.....	20	400
Mrs. C. M. Beard.....	do.....	100	2,000
C. E. Baines.....	Cincinnati.....	15	300
T. M. Benson & G. McCaul, Trustees.....	Port Hope & Ottawa.....	38	760
D. E. Betley.....	Toronto.....	150	3,000
W. J. Baines, in trust.....	do.....	15	300
J. L. Brodie, Cashr., & C. A. Denison, Acct, in trust.....	do.....	3,192	63,840
J. L. Blaikie, in trust.....	do.....	150	3,000
A. C. Cooch.....	do.....	109	2,180
D. Campbell.....	Trumansburg, N.Y.....	40	800
Mrs. P. H. Cox.....	Paris.....	25	500
J. B. Caldwell.....	Newarket.....	20	400
George Chester.....	Scarboro.....	40	800
John R. Cartwright.....	Toronto.....	42	840
E. M. de B. Cameron.....	do.....	80	1,600
A. Cameron, in trust.....	Montreal.....	50	1,000
A. Cameron, in trust.....	do.....	120	2,400
A. Cameron, in trust.....	do.....	30	600
A. Cameron, in trust.....	do.....	25	500
Mrs. Fannie G. Oraig.....	Deseronto.....	17	340
Rev. R. J. Craig.....	do.....	1	20
James Campbell.....	Toronto.....	20	400
Mrs. W. D. Carlyle.....	do.....	25	500
W. Copeland.....	do.....	100	2,000
Chas. Duckett.....	do.....	30	600
Estate of G. Duggan.....	do.....	20	400
Estate of G. Davidson.....	Berlin.....	12	240
W. S. Durie & R. H. O. Green, in trust....	Toronto.....	20	400
Estate of J. Dewar.....	Port Hope.....	50	1,000
E. E. Dudley.....	Newmarket.....	9	180
Rev. J. Douse.....	Lefroy.....	40	800
Miss E. Duggan.....	Toronto.....	9	180
Mrs. A. Dame.....	Rivière du Loup.....	45	900
S. F. Davidson.....	Uxbridge.....	25	500
George Elliott.....	Guelfh.....	200	4,000
Rev. T. Ellerby.....	Toronto.....	65	1,300

## WESTERN—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Number of Shares.	Amount Paid up in Cash.
Eph. Evans, D.D.....	London.....	56	\$ 1,120
Rev. R. Ewing.....	Collingwood.....	11	220
Mary E. Ewart.....	Toronto.....	2	40
A. T. Fulton.....	do.....	320	6,400
W. Fitzgerald.....	do.....	5	100
J. K. Falconbridge.....	Richmond Hill.....	9	180
Rev. D. H. Fletcher.....	Hamilton.....	50	1,000
J. Fulton.....	Toronto.....	149	2,980
W. Forster.....	Brampton.....	49	980
J. Fiske.....	Toronto.....	50	1,000
J. W. L. Forster.....	Brampton.....	15	300
David Fisher, in trust.....	Bowmanville.....	50	1,000
Rev. E. M. French.....	Jersey City, U.S.....	4	80
Executors E. Fitzgerald.....	Toronto.....	170	3,400
J. H. Farley.....	do.....	2	40
C. H. & A. C. Gilmor.....	do.....	100	2,000
Estate of T. Guggisburg.....	Galt.....	32	640
J. Gould.....	Uxbridge.....	40	800
R. Gilmor.....	Toronto.....	21	420
Hector Grant.....	Beaverton.....	30	600
Wm. Gordon.....	do.....	3	60
Miss I. L. George.....	Toronto.....	56	1,120
D. Graham, in trust.....	Belleville.....	25	500
Miss E. George.....	Toronto.....	44	880
Gzowski & Buchan.....	do.....	40	800
A. & D. Gilmor, Trs.....	do.....	50	1,000
Wm. Gray.....	Stratford.....	13	260
Wm. Gooderham.....	Toronto.....	130	2,600
A. B. Harris.....	Credit.....	84	1,680
E. Hobson.....	Toronto.....	50	1,000
John Howarth.....	do.....	320	6,400
A. L. Hindhough.....	Oswego.....	6	120
Lucy L. Harris.....	Credit.....	5	100
George J. Hinde.....	Metcham, Surry, Eng.....	300	6,000
George Horne.....	Cannington.....	56	1,120
Mrs. E. Harris.....	Credit.....	10	200
Estate of B. Haldan.....	Toronto.....	20	400
E. J. Hobson.....	do.....	50	1,000
George Hague.....	Montreal.....	25	500
J. Haining.....	Hamilton.....	7	140
E. B. Haldan.....	San Francisco.....	30	600
R. Heather.....	Toronto.....	55	1,100
Home Savings & Loan Company.....	do.....	993	19,860
George Harrison.....	Aurora.....	30	600
Arch. Heron.....	Scarboro.....	130	2,600
Ely Hyman.....	Churchville.....	63	1,260
And. Heron.....	Toronto.....	73	1,460
Mary Hornby.....	do.....	33	660
J. Jackes.....	do.....	8	160
Miss Emma Jackes.....	York, Township.....	80	1,600
Watson Johnston.....	Thornhill.....	3	60
Rev. Wm. Jupp.....	Midland.....	22	440
P. Jackes.....	Eglington.....	20	400
J. G. Jones.....	Toronto.....	15	300
M. H. Keeler.....	Colborne.....	23	460
Rev. F. W. Kirkpatrick.....	Kingston.....	20	400
Estate of M. E. Kirkpatrick.....	do.....	20	400
W. N. Keefer.....	Galt.....	11	220
J. J. Kenny.....	Toronto.....	20	400



## WESTERN—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Number of Shares.	Amount Paid up in Cash.
J. King .....	South Quebec.....	37	\$ 740
E. T. King .....	Montreal.....	25	500
Wm. Kerstiman, jun., and J. G. Beard Trustees .....	Toronto.....	33	680
J. C. Kemp, Manager, and L. J. Bolster Accountant in trust.....	do .....	400	8,000
London and Canada Loan and Agency Company.....	do .....	60	1,200
Rev. J. G. Laird .....	do .....	50	1,000
Executors of Estate of D. Laidlaw.....	do .....	35	700
Mrs. A. Lyon.....	Cheltenham.....	13	260
Estate of J. Lee.....	Toronto.....	20	400
G. Mathieson.....	Drummondville.....	2	40
Estate of R. S. Miller.....	do .....	8	160
Chas. Magrath.....	Toronto.....	260	5,200
J. Macdonald.....	do .....	40	800
Thos. W. Magrath.....	Clifton.....	80	1,600
J. Michie.....	Toronto.....	700	14,000
Estate of J. Magrath.....	do .....	20	400
Wm. Magrath.....	Credit.....	20	400
Alex. Manning.....	Toronto.....	518	10,360
W. J. Macdonell.....	do .....	2	40
Geo. Murray.....	do .....	280	6,600
Mrs. E. C. Myer.....	Goderich.....	4	80
A. Maddison.....	Baltimore, Md.....	70	1,400
Mrs. S. A. Munsbaw.....	Thornhill.....	20	400
Miss C. Mahar.....	Deseronto.....	5	100
Mrs. M. J. H. Murray.....	Toronto.....	165	3,300
Mrs. Mary Maddison.....	do .....	17	340
Janet A. Morris n, Executors.....	do .....	50	1,000
W. B. McMurrich.....	do .....	21	420
Hon. J. McMurrich.....	do .....	128	2,560
Geo. McGillivray.....	Whitby.....	13	260
R. D. Macpherson.....	Montreal.....	100	2,000
Mrs. M. G. McMurrich.....	Toronto.....	10	200
Mrs. E. S. MacNab.....	do .....	20	400
Mrs. M. J. McKean.....	do .....	25	500
Capt. S. C. McGill.....	Kingston.....	33	660
M. H. McLachlan.....	Toronto.....	15	300
Eliza McBean.....	do .....	200	4,000
Miss S. McCord.....	do .....	12	240
Mrs. Mary McDiarmid.....	Ottawa.....	15	300
Mrs. J. McMurrich.....	Toronto.....	1	20
Mrs. E. E. Nevett.....	do .....	20	400
Osler & Moss.....	do .....	8	160
Mrs. J. E. Orr.....	Woodstock.....	20	400
W. R. Orr.....	Toronto.....	80	1,600
F. B. Osler.....	do .....	20	400
Osler & Hammond.....	do .....	175	3,500
Mary Pyper.....	do .....	69	1,380
P. Paterson.....	do .....	101	2,020
Miss A. Price.....	do .....	20	400
Estate of Wm. Pipe.....	Berlin.....	13	260
C. W. Postlethwaite.....	Toronto.....	60	1,200
Jno. S. Playfair.....	do .....	190	3,800
Mrs. E. Perry.....	Schombrook.....	25	500
Geo. Peters.....	Peterboro'.....	10	200
J. A. Phipper.....	Belleville.....	600	1,200
A. G. Parkinson.....	Toronto.....	66	1,320

## WESTERN—Continued.

## LIST OF SHAREHOLDERS—Continued.

Name.	Residence.	Number of Shares.	Amount Paid up in cash.
			\$
Mrs. D. Patton .....	Toronto .....	65	1,800
Mrs. M. A. Perram .....	Hamilton .....	44	880
J. C. Patton .....	Toronto .....	25	500
J. C. Patton, in trust .....	do .....	25	500
Thomas Paterson .....	Bowmanville .....	32	640
George A. Pyper .....	Woodstock .....	128	2,520
Pellatt & Pellatt .....	Toronto .....	122	2,440
Mrs. Mary Paterson .....	do .....	21	420
R. Quealy .....	do .....	1	20
Estate of J. Rothwell .....	Kingston .....	7	140
H. R. Ranny .....	St John, N.B. ....	66	1,320
Alex. Ratray .....	Galt .....	40	800
H. Rowse .....	Toronto .....	40	800
C. Robinson .....	do .....	153	3,060
E. W. Rathbun, in trust .....	Deseronto .....	13	260
E. W. Rathbun, in trust .....	do .....	12	240
Bunella Rathbun .....	do .....	114	2,280
E. H. Rutherford .....	Toronto .....	66	1,320
P. F. Ridout .....	do .....	23	460
Wm. Ramsay .....	do .....	191	3,820
Receiver General of Canada .....	do .....	80	1,600
Mrs. L. S. Rathbun .....	Deseronto .....	48	960
E. W. Rathbun, in trust .....	do .....	4	80
R. Rayburn .....	do .....	10	200
Mrs. J. Rathbun .....	do .....	106	2,000
E. W. Rethbun, in trust .....	do .....	12	240
E. W. Rathbun, in trust .....	do .....	5	100
W. B. Rathbun .....	do .....	3	60
Miss L. Rathbun .....	do .....	3	60
E. W. Rathbun, in trust .....	do .....	3	60
J. Reed .....	Toronto .....	50	1,000
Estate of John H. Seels .....	do .....	19	380
Estate of A. Sands .....	Port Hope .....	5	100
Mrs. Mary Smith .....	Toronto .....	340	6,800
L. W. Smith .....	do .....	10	200
H. S. Strathy, Cashier in trust .....	do .....	540	10,800
Hon. J. Simpson .....	Bowmanville .....	80	1,600
Mrs. J. Scott .....	Quebec .....	108	2,160
Mrs. M. A. Strachan .....	Toronto .....	47	940
J. Sinclair .....	do .....	13	260
A. M. Smith .....	do .....	116	2,320
G. Smith .....	do .....	15	300
Alex. Smith .....	do .....	5	100
Mrs. E. A. Sherrard .....	do .....	17	340
Mrs. Jane Smith .....	do .....	5	100
Miss Annie Smith .....	do .....	5	100
Miss A. Strachan .....	do .....	11	220
J. Stark & Co .....	do .....	40	800
J. L. Scarth, in trust .....	do .....	40	800
E. F. Symons .....	do .....	9	180
R. Sims .....	do .....	1	20
R. Thompson .....	do .....	10	200
J. Turner .....	do .....	360	7,200
Estate of M. Talbot .....	do .....	5	100
R. O. Turner .....	do .....	25	500
Mrs. A. Taylor .....	do .....	23	460
Miss Mary Thorburn .....	do .....	7	140
Margaret Thompson .....	do .....	110	2,200
T. McL. Thomson .....	do .....	30	600
Miss E. Timms .....	do .....	50	1,000

WESTERN—*Concluded.*LIST OF SHAREHOLDERS—*Concluded.*

Name.	Residence.	Number of Shares.	Amount Paid up in Cash.
Miss C. Thorburn.....	Toronto .....	2	\$ 40
Estate T. G. Wallis.....	do .....	20	400
Robert Walker.....	do .....	12	240
A. J. Wilkes.....	Brantford.....	33	660
Helen S. Wonham.....	Brockville .....	6	120
Thos. Webb.....	Toronto .....	20	400
Thomas Wills.....	Belleville.....	50	1,000
Alex. Wills .....	Toronto .....	100	2,000
W. B. Wilson.....	Thornhill.....	26	520
J. Wightman, jun .....	Toronto .....	20	400
Thos. Walmsley .....	do .....	65	1,300
John Walker, Manager, in trust.....	do .....	90	1,800
	Total.....	20,000	400,000

STATEMENT of Assessment made on Companies, as under for year ending 31st March, 1882, in accordance with the Insurance Acts of 1875 and 1877.

Companies.	A ment.	Companies.	A essment.
	\$ cts		\$ cts.
Accident .....	51 15	Phenix of Brooklyn.....	68 05
Ætna Fire.....	133 27	Phenix of London.....	220 31
Ætna Life.....	498 13	Quebec.....	60 83
Agricultural of Watertown.....	70 80	Queen.....	251 84
Anchor.....	22 97	Reliance .....	23 49
British America.....	286 91	Royal Canadian.....	310 48
Briton Life.....	4 19	Royal .....	655 02
Canada Fire .....	233 08	Scottish Imperial.....	64 27
Citizens.....	175 68	sovereign .....	152 40
Canada Life.....	824 61	Standard .....	240 31
Commercial Union .....	363 62	Star.....	26 39
Confederation .....	265 04	Sun .....	191 07
Equitable .....	271 93	Toronto Life.....	7 73
Fire Insurance Association.....	53 41	Travelers .....	154 01
Guarantee.....	89 46	Union Mutual.....	117 01
Guardian .....	80 12	Western .....	587 41
Hartford .....	108 14		
Imperial .....	210 42	<i>Retired Companies.</i>	
Lancashire .....	244 35		
Lion .....	17 46	Briton Medical .....	41 64
Liverpool and London and Globe.....	205 59	Connecticut Mutual.....	161 65
London Assurance .....	78 24	Dominion .....	42 42
London Guarantee and Accident.....	14 48	Edinburgh.....	22 58
London and Lancashire Fire.....	38 22	Life Association of Scotland.....	107 82
London and Lancashire Life.....	97 13	National Life.....	12 81
London Mutual.....	150 81	New York Life.....	142 12
Metropolitan .....	31 57	North Western .....	37 29
Life Association of Canada.....	46 06	Phenix Mutual .....	86 85
North American.....	42 40	Scottish Amicable.....	20 00
North British.....	366 49	Scottish Provident.....	6 49
Northern .....	117 90	Scottish Provincial.....	34 75
Norwich Union.....	65 29	United States.....	2 27
Ontario Mutual.....	198 12		
		Total .....	9,305 86

All the above have been paid.



# INDEX, 1882.

Companies, &c.	Annual Statements.							Abstract of Statements.				List of Stockholders.	
	Fire.	Life.	Marine.	Accident.	Guarantee.	Plate Glass.	Steam Boiler.	Fire.	Life.	Marine.	General.		
Accident..... Page				273									295
Ætna Fire.....	5							xxix		xxxvii	xxxix		
Ætna Life.....		129							liii				
Agricultural of Watertown.....	8							xxix					
Anchor.....			11							xxxvii			297
Boiler Inspection and Insurance Co.....						289							299
British America.....	14		16					xxviii		xxxvii	xxxviii		300
Briton Life.....		133							lii				
Briton Medical.....		135							lii				
Canada Agricultural, Estate.....	20												
Canada Fire and Marine.....	23							xxviii					303
Canada Life.....		137							lii				306
Citizens'.....	26	144		277	29			xxxviii	lii				308
City of London.....	31							xxviii					
Commercial Union.....	34	118						xxviii	lii				
Confederation Life.....		152							lii				312
Connecticut Mutual.....		157							liiii				
Dominion Safety Fund.....		159											314
Edinburgh Life.....		163							lii				
Equitable Life.....		168							liii				
Federal Life.....		172											315
Fire Insurance Association.....	38							xxviii					318
Guarantee Co.....					280								
Guardian.....	41							xxviii					
Hartford.....	46							xxix					
Imperial.....	49							xxviii					
Lancashire.....	52							xxviii					
Life Association of Canada.....		175							lii				320
Life Association of Scotland.....		179							lii				
Lion Life.....		183							lii				
Liverpool and London and Globe.....	56	185						xxviii	lii				
London and Lancashire Fire.....	62							xxviii					
London and Lancashire Life.....		189							lii				
London Assurance.....	65	195						xxviii	lii				
London Guarantee and Accident.....				284	284								
London Mutual Fire.....	69							xxviii					
Metropolitan Life.....		197							liii				
Metropolitan Plate Glass Insurance Co.....						288							
National Life.....		199							liii				
New York Life.....		202							liii				
North American.....		204							lii				321
North British.....	72	208						xxviii	lii				
Northern.....	73							xxviii					
North-Western.....		212							lii				
Norwich Union.....	82							xxix					
Ontario Mutual Life.....		214							lii				
Phoenix of Brooklyn.....	85		85					xxix		xxxvii	xxxix		
Phoenix of London.....	89							xxix					
Phoenix of Hartford.....		218							liii				

INDEX—*Concluded.*

Companies, &c.	Annual Statements.						Abstract of Statements.				List of Shareholders.	
	Fire.	Life.	Marine.	Accident.	Guarantee.	Plate Glass.	Steam Boiler.	Fire.	Life.	Marine.		General.
Provincial, Estate..... Page	91											
Quebec.....	92							xxviii				322
Queen.....	95	220						xxix	lii			
Reliance.....		223							lii			
Royal Canadian.....	100		101					xxviii	xxxvii	xxxviii		327
Royal.....	104	227						xxix	lii			
Scottish Amicable.....		230							lii			
Scottish Imperial.....	108							xxix				
Scottish Provident.....		234							lii			
Scottish Provincial.....		237							liii			
Scottish Union (U S. Branch).....	111							xxix				
Sovereign.....	114							xxviii			xxxix	350
Standard Life.....		243							liii			
Star Life.....		248							liii			
Sun Life.....		251		278					lii			355
Toronto Life.....		255							lii			357
Travelers.....		268		279					liii			
Union Mutual.....		261							liii			
United States.....		265							liii			
Western.....	119		121					xxviii	xxxvii	xxxviii		358

## SUNDRIES.

	PAGE
SUPERINTENDENT'S REPORT, 2nd August, 1883.....	v to xxvi
Summary of <i>Fire Premiums</i> , 1869 to 1882.....	xxx and xxxiv
Summary of <i>Fire Losses</i> , 1869 to 1882.....	xxxii and xxxv
Summary of <i>Fire Insurance</i> , 1869 to 1882.....	xxxvi
Inland Marine Insurance Business for 1882.....	xxxvii
GENERAL TABLES I. to VII.—Assets, Liabilities, Income and Expenditure.....	xl to xlix
Percentage or Ratios.....	xlvi and xlix
Income and Expenditure of Citizens' Insurance Company—Fire, Accident and Guarantee Department— for 1882.....	1
Increase or decrease of Items of Life Insurance.....	liv
Payments to Policy holders.....	lvi
LIFE INSURANCE terminated in 1882.....	lvii
Abstract of Accident Insurance in Canada for 1882.....	lviii
Dominion Safety Fund Life Association.....	lviii
List of Companies licensed to do business of Insurance, with names of Chief Agents, residence, and amount of deposit with Receiver-General, as at 12th July, 1883.....	lix to lxi
Appendix—List of Stockholders of the various Companies.....	295 to 362
Statement of Assessment made on Companies.....	363
List of Acts relating to Insurance, passed and assented to First Session, Fifth Parliament, 46 Vic., 1883.....	292

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ABSTRACT OF STATEMENTS  
OF  
FIRE AND INLAND MARINE  
INSURANCE COMPANIES IN CANADA  
FOR THE YEAR 1883.

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*(In advance of the Annual Report of the Superintendent of Insurance, and  
SUBJECT TO CORRECTION.*

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OFFICE OF THE  
SUPERINTENDENT OF INSURANCE,  
OTTAWA, 27th March, 1884.

SIR,—I have the honor to inclose an abstract of the business of Fire and Marine Insurance in Canada for the Year 1883.

This abstract has been made from the attested statements returned by the Companies, but must be considered as subject to correction, when I shall have the honor to report to you their statements in full, after personally visiting the head offices.

I have honor to be, Sir,

Your most obedient servant,

J. B. CHERRIMAN,

*Superintendent of Insurance.*

Hon. Sir LEONARD TILLEY, K.C.M.G., C.B.  
Minister of Finance.

**ABSTRACT FOR THE YEAR 1883.**  
**FIRE INSURANCE IN CANADA—CANADIAN COMPANIES.**

	Net Cash Received for Premiums.	Gross Amount of Policies New and Renewed.	Net Amount at Risk at Date.	Net Amount of losses incurred during the Year.	Net Amount paid for Losses.	Unsettled Claims.	
						Not Registered.	Registered.
	\$	\$	\$	\$	\$	\$	\$
British America.....	121,071	14,418,678	13,914,026	85,785	82,480	15,209	None.
Citizens'.....	181,393	20,486,439	18,691,007	131,582	135,613	12,000	1,317
London Mutual Fire.....	110,830	13,487,532	38,467,688	69,070	70,211	6,545	None.
Quebec.....	64,434	5,043,964	6,566,408	47,225	49,066	3,463	None.
Royal Canadian.....	183,021	21,830,956	21,029,952	128,914	117,806	18,844	None.
Sovereign.....	88,443	10,936,263	15,059,179	89,560	96,854	4,089	7,316
7. Western.....	332,609	36,098,628	36,201,945	223,880	207,325	41,806	None.
Total for 1883.....	1,091,801	122,302,460	149,930,173	776,016	759,375	101,956	8,633
Total for 1882.....	1,033,433	124,123,715	152,564,079	752,723	733,843	91,276	15,446

**BRITISH COMPANIES.**

Caledonian.....	71,047	7,761,140	6,526,593	32,665	18,631	14,034	None.
City of London.....	149,665	11,337,258	9,851,395	88,559	82,168	27,246	None.
Commercial Union.....	294,508	31,441,486	32,920,799	249,119	254,744	21,726	2,767
Fire Insurance Association.....	169,316	13,398,775	13,522,809	95,086	96,797	7,406	4,188
Guardian.....	97,785	11,097,038	11,168,260	38,740	38,740	None.	None.
Imperial.....	199,062	20,779,661	19,805,465	125,594	92,334	31,853	8,300
Lancashire.....	210,159	21,563,330	21,262,792	134,188	124,943	17,832	6,900
Liverpool and London and Globe.....	195,602	24,374,900	28,585,665	118,693	109,728	9,518	760
London and Lancashire.....	95,299	12,396,508	9,423,866	71,048	76,682	None.	None.
London Assurance.....	76,959	10,763,060	8,468,218	51,289	51,289	None.	None.
National of Ireland.....	32,528	3,905,687	2,655,083	10,973	6,472	4,500	None.
North British.....	293,519	38,549,650	37,190,432	155,437	168,409	14,478	None.
Northern.....	169,577	16,127,057	15,720,177	92,215	87,365	11,170	None.
Norwich Union.....	90,770	10,424,121	9,611,586	52,344	54,098	896	None.
Phoenix of London.....	203,548	20,745,791	20,395,321	159,350	145,025	21,163	1,000

Queen .....	216,814	21,640,183	20,759,787	141,503	132,188	15,900	4,800
Royal .....	608,973	66,256,830	103,704,993	434,772	418,241	36,007	1,000
Scottish Imperial .....	12,759	736,032	3,980,535	20,562	21,229	1,000	None.
Scottish Union and National .....	50,400	7,694,501	5,839,288	16,243	13,599	3,689	500
<b>Total for 1883 .....</b>	<b>3,178,850</b>	<b>380,993,028</b>	<b>380,493,615</b>	<b>2,088,420</b>	<b>1,992,671</b>	<b>241,879</b>	<b>28,705</b>
<b>Total for 1882 .....</b>	<b>2,908,458</b>	<b>321,466,183</b>	<b>339,520,054</b>	<b>1,898,282</b>	<b>1,768,444</b>	<b>163,250</b>	<b>23,300</b>

AMERICAN COMPANIES.

Alma .....	114,616	13,208,644	7,364,720	57,246	51,953	10,815	None.
Agricultural of Watertown .....	70,457	7,468,765	16,763,017	30,465	28,985	2,200	None.
Bartford .....	131,133	14,031,620	14,104,692	81,488	71,415	12,234	None.
Phoenix of Brooklyn .....	31,886	6,565,885	3,467,967	15,119	14,795	628	None.
<b>Total for 1883 .....</b>	<b>354,090</b>	<b>40,284,814</b>	<b>41,720,296</b>	<b>184,288</b>	<b>167,127</b>	<b>25,877</b>	<b>None.</b>
<b>Total for 1882 .....</b>	<b>287,815</b>	<b>32,454,518</b>	<b>34,772,345</b>	<b>156,363</b>	<b>162,699</b>	<b>10,634</b>	<b>None.</b>

RECAPITULATION.

7. Canadian Companies .....	1,091,801	122,392,460	149,930,173	776,016	759,375	101,956	8,633
19. British Companies .....	3,178,850	350,993,028	389,493,615	2,088,420	1,992,671	241,879	28,705
4. American Companies .....	354,090	40,284,814	41,720,296	184,288	167,127	25,877	None.
<b>Grand total for 1883 .....</b>	<b>4,624,741</b>	<b>513,680,302</b>	<b>572,144,084</b>	<b>3,048,724</b>	<b>2,919,173</b>	<b>369,712</b>	<b>37,938</b>
<b>Grand total for 1882 .....</b>	<b>4,229,706</b>	<b>478,044,416</b>	<b>526,855,478</b>	<b>2,967,368</b>	<b>2,664,986</b>	<b>265,360</b>	<b>37,746</b>

INLAND Marine Insurance Business in Canada, 1883.

	Net Cash received for Premiums.	Gross Amount of Policies, New and Renewed.	Net Amount at Risk at Date.	Net Amount of Losses Paid.	Unsettled Claims.		Net Amount of Losses Incurred during the Year.
					Not Registered.	Registered.	
<b>CANADIAN COMPANIES.</b>							
Anchor .....	\$ 17,086	.....	\$ None.	\$ 10,828	\$ 4,726	\$ None.	\$ 9,354
British America.....	13,405	792,054	None.	9,820	None.	None.	4,348
Royal Canadian.....	15,742	4,733,577	None.	17,656	3,306	None.	11,243
Western.....	25,086	2,816,235	33,000	12,541	1,576	None.	9,640
	71,319	.....	33,000	50,845	9,608	None.	34,585
<b>AMERICAN COMPANIES.</b>							
Mina .....	1,611	327,895	None.	12,155	None.	None.	12,155
Phoenix of Brooklyn.....	None.	None.	None.	1,600	None.	None.	None.
	1,611	327,895	None.	13,655	None.	None.	12,155

RECAPITULATION.

Canadian Companies.....	71,319	.....	33,000	50,845	9,608	None.	34,685
American Companies.....	1,611	227,895	None.	13,655	None.	None.	12,185
	72,930	.....	33,000	64,500	9,608	None.	46,740

**ABSTRACT of Fire and Marine Insurance done by Canadian Companies which do business outside of the Dominion, and of Inland Marine and Ocean business done by Companies combining these branches, for 1883.**

**BRITISH AMERICA ASSURANCE COMPANY, TORONTO.**

Nature of Business.	Net Cash received for Premiums.	Gross Amount of Policies New and Renewed.	Net Amount at Risk at Date.	Net Losses Paid.	Unsettled Claims.		Net Amount of Losses Incurred during the Year.	Remarks.
					Not Resisted.	Resisted.		
Fire Insurance.....	\$ 602,747	\$ 63,235,572	\$ 58,010,150	\$ 493,193	\$ 96,248	\$ 10,731	\$ 459,943	} In all countries, 31st Dec., 1883.
Inland Marine.....	26,716	1,774,787	169,836	28,808	75	None.	19,816	
Marine, Ocean.....	46,443	343,719	109,050	28,043	9,569	None.	36,025	
	739,908	65,354,078	58,289,046	550,044	105,892	10,731	525,784	

**ROYAL CANADIAN INSURANCE COMPANY, MONTREAL.**

Fire Insurance.....	193,021	21,830,956	21,029,952	117,808	18,844	None.	128,914	} In Canada, 31st Dec., 1883.
Inland Marine.....	15,742	4,133,577	None.	17,656	3,306	None.	11,243	
Marine, Ocean.....	106,573	3,333,701	399,550	102,104	5,293	None.	91,430	
	314,336	29,888,234	21,429,502	237,566	27,443	None.	231,587	

**WESTERN ASSURANCE COMPANY, TORONTO.**

Fire Insurance.....	1,158,627	113,487,633	99,387,471	859,262	122,460	4,750	916,271	} In all countries, 31st Dec., 1883.
Inland Marine.....	51,337	10,012,316	393,075	57,720	4,319	None.	41,610	
Marine, Ocean.....	163,303	11,033,798	685,537	144,176	23,755	6,000	147,671	
	1,373,267	134,533,647	109,466,083	1,061,158	150,534	10,750	1,105,552	

PHENIX INSURANCE COMPANY OF BROOKLYN, U.S.

Fire Insurance.....	37,885	5,585,985	3,467,867	14,795	628	15,119	} In Canada, 31st Dec., 1883.
Inland Marine.....	None.	None.	None.	1,500	None.	None.	
Marine, Ocean.....	19,065	1,829,142	None.	14,480	None.	14,480	
	56,950	7,415,027	3,467,867	30,775	628	29,599	

ÆTNA FIRE INSURANCE COMPANY.

Fire Insurance.....	114,615	13,208,644	7,364,720	51,952	10,815	57,246	} In Canada, 31st Dec., 1883.
Inland Marine.....	1,611	327,895	None.	12,155	None.	12,155	
	116,226	13,536,539	7,364,720	64,107	10,815	69,401	

QUÉBEC FIRE ASSURANCE COMPANY.

Fire Insurance.....	65,245	5,128,464	6,645,966	49,066	3,463	47,225	} In all countries, 31st Dec., 1883.
						None.	

SOVEREIGN FIRE INSURANCE COMPANY.

Fire Insurance.....	203,880	33,922,902	25,896,039	168,857	35,744	179,271	} In all countries, 31st Dec., 1883.
						7,316	



TABLE I.—Showing the TOTAL ASSETS, and their Nature, of Canadian  
CANADIAN COM

Companies.	Commenced Business.	Real Estate.	Loans on Real Estate.	Stocks, Bonds and Debentures.
		\$ cts.	\$ cts.	\$ cts.
Anchor .....	31st March, 1874.....	None.	5,649 40	58,680 00
British America.....	1833.....	90,000 00	2,250 00	902,055 00
Citizens' .....	1st January, 1865.....	85,000 00	None.	87,896 50
London Mutual Fire.....	1859.....	None.	700 00	None.
Quebec .....	1818.....	32,000 00	None.	73,487 00
Royal Canadian .....	13th August, 1873.....	None.	33,000 00	254,106 67
Sovereign .....	July, 1871.....	None.	10,835 00	98,467 25
Western .....	August, 1851.....	57,440 00	21,350 00	702,137 23

\* Including premium notes, \$233,689.86.

## Companies doing business of Fire and Inland Marine Insurance.

## PANIES—ASSETS—1883.

Loans on Collaterals.	Agents' Balances and Bills receivable.	Cash on hand and in Banks, or deposited with Government.	Interest due and accrued.	Other Assets.	Total Assets.	Nature of Business.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
19,750 00	14,225 71	9,040 86	1,295 82	17,201 45	125,843 24	Inland Marine.
None.	62,638 88	39,547 90	980 67	12,312 69	1,109,786 04	Fire, Inland & Ocean.
None.	31,494 70	13,585 56	1,986 15	26,229 35	246,192 26	Fire and Accident.
None.	*252,492 50	78,290 26	259 68	753 66	232,487 10	Fire.
None.	3,848 35	36,118 32	1,144 97	806 85	147,405 49	do
102,107 79	58,862 59	87,880 14	None.	29,802 75	565,759 94	Fire, Inland & Ocean.
18,200 00	49,663 68	62,544 08	1,971 30	1,653 90	243,275 21	Fire.
None.	200,759 24	269,057 59	9,743 54	44,146 16	1,304,633 75	Fire, Inland & Ocean

TABLE II.—Showing the Assets in Canada of British and American  
BRITISH COMPANIES—

Companies.	Commenced Business in Canada.	Real Estate.	Loans on Real Estate.	Stocks, Bonds and Debentures.
		\$ cts.	\$ cts.	\$ cts.
Caledonian .....	1863.....	None.	None.	91,529 84
City of London.....	1st September, 1881.	None.	None.	102,200 00
Commercial Union.....	11th September, 1863.	None.	None.	110,390 60
Fire Insurance Association.....	December, 1880.....	None.	None.	100,000 00
Guardian .....	1st May, 1869.....	None.	None.	107,176 17
Imperial.....	1864.....	None.	None.	102,288 28
Lancashire .....	July, 1864.....	None.	3,000 00	50,126 66
Liverpool and London and Globe...	4th June, 1851.....	96,846 45	410,800 00	78,775 00
London and Lancashire.....	1st April, 1880.....	None.	None.	102,200 00
London Assurance.....	1st March, 1862.....	None.	None.	178,690 00
National of Ireland.....	2nd April, 1883.....	None.	None.	100,161 00
North British .....	1862.....	73,240 00	83,000 00	528,565 82
Northern .....	1867.....	None.	None.	102,900 66
Norwich Union .....	1st April, 1880.....	None.	None.	109,000 00
Phoenix of London.....	1804.....	None.	None.	107,626 00
Queen.....	5th July, 1859.....	2,060 00	None.	148,434 00
Royal .....	About 1848.....	120,000 00	None.	689,538 34
Scottish Imperial .....	1869.....	None.	None.	111,377 50
Scottish Union and National .....	February, 1882.....	None.	None.	122,673 60

## AMERICAN

Aetna Fire.....	1821.....	None.	None.	114,700 00
Agricultural of Watertown.....	October, 1878.....	900 00	None.	124,000 00
Hartford .....	1836.....	None.	None.	104,609 65
Phenix of Brooklyn .....	1st May, 1874.....	None.	None.	125,000 00

## Companies doing business of Fire and Inland Marine Insurance in Canada.

## ASSETS IN CANADA—1883.

Loans on Collaterals.	Agents' Balances and Bills Receivable.	Cash on hand and in Banks or deposited with Government	Interest due and accrued.	Other Assets.	Total Assets in Canada.	Nature of Business.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
None.	7,086 47	30,052 54	None.	2,620 72	131,289 57	Fire.
None.	8,390 66	9,996 28	None.	4,913 15	125,500 09	do
None.	11,565 31	12,788 34	None.	1,900 00	136,644 25	do
None.	16,301 97	1,537 07	None.	1,200 00	119,039 04	do
None.	None.	10,663 93	None.	None.	117,840 10	do
None.	None.	20,422 68	None.	None.	122,710 96	do
None.	17,569 92	55,759 43	1,131 74	None.	127,587 75	do
1,222 72	3,682 53	153,489 11	12,385 91	2,000 00	759,201 72	Fire and Life.
None.	1,339 31	1,467 48	None.	None.	105,006 79	Fire.
None.	None.	None.	None.	None.	178,690 00	Fire and Life.
None.	2,116 80	346 57	None.	3,742 72	106,367 09	Fire.
146,000 00	37,189 35	102,259 11	9,763 47	2,500 00	982,517 75	Fire and Life.
None.	10,080 93	13,182 65	1,106 66	2,549 63	129,819 93	Fire.
None.	3,062 47	72,791 68	520 00	None.	185,374 15	do
None.	None.	None.	None.	None.	107,626 00	do
2,514 57	6,412 63	12,442 36	122 17	2,150 00	174,135 13	Fire and Life.
20,817 40	43,842 30	3,745 41	None.	7,419 90	885,358 35	do
None.	None.	None.	35 00	None.	111,412 50	Fire.
None.	419 09	None.	None.	None.	123,092 09	do

## COMPANIES.

None.	11,524 19	11,431 33	None.	None.	137,655 52	Fire and Inland Marine.
None.	9,778 68	None.	None.	None.	134,678 68	Fire.
None.	4,863 93	None.	None.	None.	108,873 58	do
None.	1,511 04	None.	None.	None.	126,511 04	Fire and Inland Marine.

TABLE III.—Showing the Total Liabilities of Canadian Companies doing business of Fire or Inland Marine Insurance.  
CANADIAN COMPANIES—LIABILITIES, 1883.

Companies.	Unsettled Losses (F., I. & O.)	Reserve of Unearned Premiums (F., I. & O.) Liability under other Branches.	Sundry.	Total Liability, not including Capital Stock.	c Excess of Assets over Liabilities, excluding Capital Stock. — d The Reverse.	Capital Stock paid up or in course of collection.	Surplus (if any) of Assets over Liabilities and Capital Stock.	Nature of Business.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
Anchor.....	20,317 71	None.	7,285 47	28,203 18	e 97,640 06	143,480 00		Inland and Ocean.
British America .....	116,632 15	395,351 19	32,814 59	544,787 93	e 564,998 11	500,000 00	64,998 11	Fire, Inland and Ocean.
Citizens'.....	13,552 38	103,256 40	75,340 17	192,148 95	e 54,043 31	77,990 48		Fire and Accident.
London Mutual Fire.....	6,644 52	242,998 31	None.	249,642 83	e 82,944 27		82,944 27	Fire.
Quebec .....	3,463 31	42,997 48	525 25	46,986 04	e 100,419 45	98,930 00	1,489 45	do
Royal Canadian.....	27,443 40	149,186 73	None.	167,630 13	e 398,129 81	330,815 00	67,314 81	Fire, Inland and Ocean.
Sovereign.....	43,060 25	118,076 84	1,118 91	162,256 00	e 81,019 21	208,710 00		Fire.
Western.....	161,383 72	715,476 74	47,947 79	924,708 25	e 379,925 50	400,000 00		Fire, Inland and Ocean.

TABLE IV.—Showing the Liabilities in Canada of British and American Companies doing business of Fire or Inland Marine Insurance in Canada for the Year 1883.

BRITISH COMPANIES—LIABILITIES IN CANADA.

	Unsettled Losses (F., I. and O.)	Reserve of Unearned Premiums (F., I. and O.)	Liability under Life Branch.	Sundry.	Total Liabilities in Canada.	Excess of Assets over Liabilities. — The Reverse.	Nature of Business.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	cts.	\$ cts.	
Caledonian .....	14,033 60	40,823 43	.....	1,375 07	56,232 00	75,057 57	Fire.
City of London .....	27,245 57	37,444 63	.....	1,495 80	116,186 02	9,314 07	do
Commercial Union .....	24,492 64	169,873 69	.....	None.	194,366 33	57,722 08	do
Fire Insurance Association.....	11,593 43	81,273 95	.....	None.	92,867 38	26,171 66	do
Guardian .....	None.	52,120 84	.....	None.	52,120 84	65,719 26	do
Imperial .....	40,162 69	111,501 04	.....	250 00	151,903 73	29,193 77	do
Lancashire.....	23,731 98	132,065 17	.....	None.	156,797 15	28,209 40	do
Liverpool and London and Globe .....	10,267 56	132,737 78	50,000 00	1,329 28	194,334 56	564,867 16	Fire and Life.
London and Lancashire .....	3,501 26	61,490 03	.....	None.	67,991 29	37,015 50	Fire.
London Assurance .....	None.	42,350 29	4,000 00	None.	46,350 29	132,339 71	Fire and Life.
National of Ireland .....	4,500 00	14,739 00	.....	None.	19,239 00	87,128 09	Fire.
North British .....	14,478 39	160,312 47	275,000 00	None.	439,790 86	522,726 89	Fire and Life.
Northern .....	11,169 94	98,286 11	.....	1,462 97	110,938 92	18,881 01	Fire.
Norwich Union.....	895 76	54,444 55	.....	None.	55,340 31	130,033 84	do
Phoenix of London .....	22,162 93	115,180 68	.....	None.	137,342 95	29,716 95	do
Queen .....	20,260 33	124,085 47	.....	359 81	219,655 61	45,520 48	Fire and Life.
Royal .....	37,007 11	474,677 82	292,538 09	None.	804,223 02	81,135 33	do
Scottish Imperial.....	1,000 00	12,654 21	.....	2,000 00	15,654 21	36,758 29	Fire.
Scottish Union and National.....	4,150 00	26,623 08	.....	None.	30,773 08	92,319 01	do

AMERICAN COMPANIES.

Aetna Fire .....	10,814 80	39,134 15	.....	None.	49,948 95	87,706 57	Fire and Inland Marine.
Agricultural of Watertown .....	2,200 00	92,606 52	.....	None.	94,806 52	39,872 16	Fire.
Hartford.....	12,234 44	74,066 98	.....	None.	86,301 42	22,572 14	do
Phoenix of Brooklyn.....	628 00	18,811 56	.....	None.	19,439 56	107,071 43	Fire, Inland and Ocean.

TABLE V.—Showing the Cash INCOME and EXPENDITURE of Canadian Companies  
Expenditure in Canada of British and

## CANADIAN COMPANIES—INCOME

## INCOME (CASH).

Companies.	Net Cash for Premiums.	Interest and Dividends on Stocks, &c.	Sundry.	Total Cash Income.	Received on Account of Capital Stock not included in Income.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Anchor.....	17,085 87	5,834 95	10,828 69	33,749 51	3,560 00
British America.....	739,907 73	40,717 48	6,554 59	787,179 80	None.
Citizens'.....	181,393 14	5,866 61	7,456 14	194,715 89	None.
London Mutual Fire.....	110,830 40	2,282 91	1,396 65	114,509 96	None.
Quebec.....	65,245 47	4,052 83	1,648 77	70,947 07	None.
Royal Canadian.....	314,336 54	19,759 23	5,422 44	339,518 21	73,705 00
Sovereign.....	203,879 62	13,298 50	72 93	217,251 05	13,020 00
Western.....	1,373,266 75	43,313 54	None.	1,416,580 29	None.

## BRITISH

Caledonian.....	71,047 03	.....	None.	71,047 03	.....
City of London.....	149,665 26	4,276 51	None.	153,941 77	.....
Commercial Union.....	294,508 27	4,876 06	None.	299,334 33	.....
Fire Insurance Association.....	109,316 13	4,004 40	8 50	113,329 03	.....
Guardian.....	97,784 76	4,331 33	None.	102,116 09	.....
Imperial.....	193,062 45	4,496 83	None.	203,559 28	.....
Lancashire.....	210,158 98	5,313 13	None.	215,472 11	.....
Liverpool & London & Globe.....	195,601 85	32,233 69	4,680 88	232,516 42	.....
London and Lancashire.....	95,298 99	4,181 40	None.	99,480 39	.....
London Assurance.....	76,959 19	6,680 00	None.	83,639 19	.....
National of Ireland.....	32,528 36	4,006 44	None.	36,534 80	.....
North British.....	293,579 05	41,075 00	4,350 00	339,004 05	.....
Northern.....	169,576 74	5,247 88	None.	174,824 62	.....
Norwich Union.....	90,769 83	5,609 18	None.	96,379 01	.....
Phoenix of London.....	203,548 15	5,381 30	None.	208,929 45	.....
Queen.....	216,313 95	6,881 21	None.	223,195 16	.....
Royal.....	609,972 65	18,056 66	5,613 57	633,642 88	.....
Scottish Imperial.....	12,759 03	7,253 53	None.	20,012 56	.....
Scottish Union and National.....	50,400 30	6,167 20	None.	56,567 50	.....

## AMERICAN

Aetna Fire.....	116,225 97	4,735 00	None.	120,960 97	.....
Agricultural of Watertown..	70,456 93	None.	None.	70,456 93	.....
Hartford.....	131,132 58	3,390 00	None.	134,522 58	.....
Phenix of Brooklyn.....	56,950 41	None.	2,064 82	59,015 23	.....

doing Fire or Inland Marine Insurance in Canada, and the Cash Income and American Companies in those Branches.

AND EXPENDITURE, 1883.

EXPENDITURE (CASH).

Paid for losses.	General Expenses.	Dividends or Bonus to Stockholders.	Total Cash Expenditure.	<i>e</i> Excess of Premiums over Losses Paid. <i>d</i> The Reverse.	<i>e</i> Excess of Income over Expenditure. <i>d</i> The Reverse.	Nature of Business.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
15,011 25	7,056 70	None.	22,067 95	<i>e</i> 2,074 62	<i>e</i> 11,621 56	Inland and Ocean
550,043 69	262,099 98	49,730 00	861,873 67	<i>e</i> 189,864 04	<i>d</i> 74,693 87	Fire, Inland and Ocean.
135,613 39	70,869 58	None.	206,481 97	<i>e</i> 45,779 75	<i>d</i> 11,766 03	Fire.
79,210 78	29,095 08	.....	99,305 86	<i>e</i> 40,619 62	<i>e</i> 15,204 10	do
49,055 82	13,648 11	None.	62,703 93	<i>e</i> 16,189 65	<i>e</i> 8,243 14	do
237,566 39	8,202 01	12,750 00	331,518 40	<i>e</i> 76,770 15	<i>e</i> 7,999 81	Fire, Inland and Ocean.
165,856 69	69,056 33	None.	234,913 02	<i>e</i> 38,022 93	<i>d</i> 17,661 97	Fire.
1,061,157 66	394,175 38	48,000 00	1,501,333 04	<i>e</i> 312,109 09	<i>d</i> 84,752 75	Fire, Inland and Ocean.

COMPANIES.

18,631 39	16,133 35	.....	34,770 74	<i>e</i> 52,415 64	<i>e</i> 36,276 29	Fire.
82,158 45	37,792 38	.....	119,950 83	<i>e</i> 67,506 81	<i>e</i> 33,990 94	do
254,743 63	58,394 20	.....	313,137 83	<i>e</i> 39,764 64	<i>d</i> 13,753 50	do
98,796 98	34,080 01	.....	130,876 99	<i>e</i> 12,519 15	<i>d</i> 17,547 96	do
38,740 23	22,020 09	.....	60,760 32	<i>e</i> 90,044 53	<i>e</i> 41,355 77	do
92,334 28	43,078 82	.....	135,413 10	<i>e</i> 106,728 17	<i>e</i> 68,146 18	do
124,942 69	47,160 53	.....	172,103 22	<i>e</i> 85,216 29	<i>e</i> 43,368 89	do
109,725 97	42,576 93	.....	152,302 95	<i>e</i> 85,875 88	<i>e</i> 80,213 47	do
76,632 18	23,162 81	.....	99,814 99	<i>e</i> 18,616 81	<i>d</i> 364 60	do
51,288 58	16,724 93	.....	68,013 51	<i>e</i> 25,670 61	<i>e</i> 15,645 68	do
6,471 77	15,066 45	.....	21,538 22	<i>e</i> 26,668 59	<i>e</i> 14,996 58	do (9 months).
168,409 01	78,527 49	.....	246,936 50	<i>e</i> 125,170 04	<i>e</i> 92,067 55	do
87,365 23	35,493 04	.....	122,858 27	<i>e</i> 82,111 51	<i>e</i> 51,968 35	do
54,098 44	18,726 31	.....	72,824 75	<i>e</i> 36,671 39	<i>e</i> 23,554 26	do
145,025 41	47,413 55	.....	192,438 99	<i>e</i> 53,522 71	<i>e</i> 16,490 48	do
132,188 57	48,248 86	.....	180,437 43	<i>e</i> 81,125 38	<i>e</i> 42,757 73	do
418,240 84	134,595 58	.....	552,836 42	<i>e</i> 191,731 81	<i>e</i> 80,864 46	do
21,229 10	7,652 73	.....	28,881 83	<i>d</i> 8,470 07	<i>e</i> 8,869 27	do
13,599 29	13,858 03	.....	27,457 32	<i>e</i> 36,801 01	<i>e</i> 29,110 18	do

COMPANIES.

64,107 59	21,392 35	.....	85,499 94	<i>e</i> 52,118 33	<i>e</i> 35,461 03	Fire and Inland Marine.
28,965 34	22,171 68	.....	51,137 02	<i>e</i> 41,491 59	<i>e</i> 19,319 91	Fire.
71,415 14	21,936 99	.....	93,352 13	<i>e</i> 59,717 44	<i>e</i> 41,170 45	do
30,775 57	11,863 82	.....	42,641 39	<i>e</i> 26,174 84	<i>e</i> 16,373 84	Fire, Inland and Ocean.



STATEMENT of Citizens' Insurance Company of Canada—Fire, Accident and Guarantee Departments, for the Year ended 31st December, 1883.

Nature of Business.	INCOME—CASH.					EXPENDITURE—CASH.					
	Net Cash for Premiums.	Interest and Dividends on Stocks, &c.	Sundry.	Total Cash Income.	Received on account of Capital Stock not included in Income.	Paid for Losses.	General Expenses.	Dividends or Bonus to stockholders.	Total Cash Expenditure.	Excess of Premiums over Losses.	Excess of Income over Expenditure.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Fire.....	181,393 14	5,866 61	7,456 14	194,715 89	.....	135,613 89	70,868 58	.....	206,481 97	245,779 75	411,766 08
Accident. ....	17,317 73	None.	None.	17,317 73	.....	11,918 77	8,265 42	.....	29,174 19	25,438 93	22,935 46
Guarantee....	None.	None.	None.	None.	.....	3,958 15	None.	.....	3,958 15	3,958 15	3,958 15
	198,740 87	5,866 61	7,456 14	212,663 62	None.	151,480 31	79,134 00	None.	230,644 31	245,269 56	419,559 69

\* Including bonus to policy-holders, \$48.00.

ABSTRACT  
OF  
LIFE INSURANCE IN CANADA FOR 1883.

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ABSTRACT  
OF  
ACCIDENT AND GUARANTEE INSURANCE  
FOR 1883.

*(SUBJECT TO CORRECTION.)*

ABSTRACT of Life Insurance in Canada for Year 1883.

	Pre- miums for Year.	Number of Policies New.	Amount of Policies New.	Number of Policies in force at date.	Net Amount in force at date.	Number of Policies become Claims.	Net Amount of Policies become Claims.	Claims Paid.	UNSETTLED CLAIMS.		Date of Return.
									Not Registered.	Registered.	
<i>Canadian Companies.</i>											
Canada Life.....	\$ 792,284	1,775	\$ 3,609,280	16,445	\$ 29,699,645	171	\$ 339,743	\$ 326,433	\$ 67,292	None.	30th April, 1883.
Citizens.....	43,702	276	526,500	1,009	1,576,116	9	14,501	17,234	2,267	None.	31st Dec., 1883.
Confederation.....	309,377	1,512	2,280,663	7,292	11,018,685	45	86,405	86,320	8,935	None.	31st Dec., 1883.
Federal.....	114,417	333	410,364	382	723,869	None.	None.	None.	None.	None.	31st Dec., 1883.
Life Association of Canada.....	47,622	323	433,016	1,380	1,608,846	16	27,696	22,696	5,200	None.	31st Dec., 1883.
North American.....	90,941	601	1,333,404	1,384	2,448,700	8	16,377	18,501	1,000	None.	31st Dec., 1883.
{ General.....		86	13,688	397	146,883	15	2,861	2,861	None.	None.	31st Dec., 1883.
{ Industrial.....		1,463	1,967,500	5,341	6,469,720	26	27,965	35,403	2,000	None.	31st Dec., 1883.
Ontario Mutual.....	180,593	941	1,505,433	3,329	5,548,706	28	50,334	55,515	6,824	None.	31st Dec., 1883.
8 Sun.....	174,035										
<i>British Companies.</i>											
British Empire.....	41,307	519	1,154,700	638	1,478,350	2	6,000	5,000	1,000	None.	31st Dec., 1883.
Briton Life.....	2,779	None.	None.	57	98,722	5	13,600	3,500	10,000	None.	31st Dec., 1883.
*Briton Medical.....	23,965	None.	None.	369	802,648	12	36,399	56,984	3,540	None.	31st Dec., 1883.
Commercial Union.....	20,077	7	19,520	301	716,420	3	6,980	5,417	1,563	None.	31st Dec., 1883.
*Edinburgh.....	16,937	None.	None.	198	504,792	6	7,543	4,137	3,407	None.	31st Dec., 1883.
*Life Association of Scotland.....	78,780	None.	None.	1,477	2,793,458	35	81,445	71,929	36,769	None.	5th April, 1883.
Liverpool and London and Globe.....	10,874	3	7,000	179	269,775	1	1,120	1,120	None.	None.	31st Dec., 1883.
London and Lancashire.....	116,431	624	1,056,144	2,771	3,730,602	31	45,187	52,320	7,100	None.	31st Dec., 1883.
London Assurance.....	987	None.	None.	8	30,125	None.	None.	None.	None.	None.	31st Dec., 1883.
North British.....	23,926	12	29,060	331	928,184	None.	None.	None.	None.	None.	30th Nov., 1883.
Queen.....	9,924	7	16,200	205	402,379	1	4,867	10,117	None.	None.	31st Dec., 1883.
*Reliance.....	14,862	None.	None.	309	418,374	7	14,900	21,125	3,000	None.	31st Dec., 1883.
Royal.....	24,741	3	9,700	305	893,724	10	37,534	27,524	1,076	None.	31st Dec., 1883.
*Scottish Amicable.....	10,639	None.	None.	184	467,213	4	4,797	66,464	None.	None.	31st Dec., 1883.
*Scottish Provident.....	6,073	None.	None.	95	211,355	1	1,947	1,217	1,947	None.	31st Dec., 1883.
*Scottish Provincial.....	26,765	None.	None.	503	923,909	9	14,103	23,028	4,768	None.	31st Dec., 1883.
Standard.....	259,296	508	956,631	3,907	8,181,929	43	92,981	88,381	29,153	None.	15th Nov 1883.

American Companies.

Aetna .....	575,594	1,437	2,285,875	11,007	14,366,409	173	189,489	183,968	28,630	None.	31st Dec., 1883.
Connecticut .....	103,236	None.	None.	1,867	3,510,268	43	80,745	63,545	19,209	None.	31st Dec., 1883.
Equitable .....	202,404	678	1,045,000	3,310	8,468,526	40	76,280	107,780	500	None.	31st Dec., 1883.
Metropolitan .....	13,768	None.	None.	241	472,217	3	15,000	8,000	14,000	None.	31st Dec., 1883.
National .....	9,000	None.	None.	390	392,751	6	3,256	8,303	1,366	None.	31st Dec., 1883.
New York .....	87,141	158	485,000	1,446	3,560,627	27	53,769	45,340	6,046	None.	31st Dec., 1883.
North-Western .....	24,777	None.	None.	566	804,495	10	22,387	13,052	3,345	None.	31st Dec., 1883.
Phoenix of Hartford .....	55,551	None.	None.	1,624	1,928,770	41	41,233	43,420	12,513	3,000	31st Dec., 1883.
Travelers' .....	117,880	709	585,110	2,553	3,685,078	22	34,334	37,351	4,861	None.	31st Dec., 1883.
Union Mutual .....	113,449	274	709,250	2,465	3,726,021	41	80,370	56,675	6,714	3,480	31st Dec., 1883.
United States .....	8,544	199	414,460	205	416,225	1	1,000	1,000	None.	None.	31st Dec., 1883.

\* These Companies have ceased doing new business in Canada. † These amounts are net, reinsurances having been deducted. ‡ Not including \$23,885 for repairing risks of the Toronto Life Assurance Company. \*\* Not including 160 policies for \$161,315, reinsured from the Toronto Life Assurance Company.

INCREASE OR DECREASE OF ITEMS OF LIFE INSURANCE IN CANADA, AMONG THE ACTIVE COMPANIES, FOR 1883, COMPARED WITH 1882.

CANADIAN COMPANIES.

Increase (i)—Decrease (d).	Premiums of the Year.	Number of Policies New.	Amount of Policies New.	Number of Policies in force at date.	Amount in force.	Number of Policies become Claims.	Amount of Policies become Claims.	Claims Paid.
	\$		\$		\$		\$	\$
Canada.....	76,544	126	75,285	1,223	2,720,369	45	98,930	93,164
Citizens.....	3,475	4	20,000	148	236,354	1	3,873	3,366
Confederation.....	31,862	137	69,398	935	1,309,288	6	16,696	27,693
Federal.....	7,547	79	6,034	328	328,319	0	0	0
Life Association of Canada.....	2,768	11	108,484	120	203,666	4	9,391	4,391
North American, General.....	13,874	26	112,700	337	691,050	5	14,877	17,092
do Ontario Mutual.....	18,611	122	166,950	270	37,405	6	1,642	1,542
do Sun.....	11,743	296	119,236	689	1,040,241	1	1,165	6,972
					911,677	3	5,169	2,543

BRITISH COMPANIES.

British Empire.....	15,314	318	689,250	337	730,900	2	6,000	5,000
Briton Life.....	106	0	0	6	14,500	5	13,500	3,500
Commercial Union.....	605	2	3,597	0	30,506	3	3,110	4,673
Liverpool and London and Globe.....	1,693	1	6,000	2	1,272	1	687	687
London and Lancashire.....	13,294	230	211,094	394	566,299	16	13,343	32,709
London Assurance.....	0	0	0	0	0	0	0	0
North British.....	441	1	7,500	5	2,753	6	27,039	42,851
Queen.....	468	3	3,800	0	27,656	4	1,628	7,872
Royal.....	2,095	6	7,200	20	59,419	4	14,145	16,416
Standard.....	21,763	61	493,016	260	424,230	0	16,637	5,860
11 Star (Imperfect).....								

AMERICAN COMPANIES.

Etna.....	70,470	£	17	d	212,526	£	917	£	1,272,415	£	32	£	22,275	£	34,104
Equitable .....	48,536	£	203	£	311,200	£	418	£	1,021,719	£	19	d	4,323	£	46,177
Metropolitan .....	9,225	d	4	d	6,000	d	114	d	331,215	d	1	£	6,000	£	8,000
New York .....	6,988	£	153	£	465,000	£	28	£	26,672	£	4	d	24,061	d	9,674
Travelers' .....	9,908	d	5	d	84,399	£	117	£	166,192	£	1	£	16,752	£	20,287
Union Mutual .....	2,526	£	22	£	62,060	£	254	£	500,271	£	5	d	2,393	d	3,170
7 United States .....	7,905	£	189	£	395,490	£	169	£	331,270	d	2	d	3,810	d	3,510

\*On their total business.

ABSTRACT of Life Insurance done by Canadian Companies which do business outside of the Dominion, for 1883.

THE CANADA LIFE ASSURANCE CO.

	Premiums for Year.	Number of Policies New.	Amount of Policies New.	Number of Policies in force at date.	Net Amount in force at date.	Number of Policies become Claims.	Net Amount of Policies become Claims.	Claims paid.	Unsettled Claims.		Date of Return.
									Not Registered.	Registered.	
In Canada.....	\$ 799,824	1,775	3,609,250	16,245	\$ 29,689,645	171	\$ 330,748	\$ 326,433	\$ 62,292	None.	} 30th April, 1883.
In other Countries.....	9,730	35	71,000	180	313,500	2	19,000	10,000	None.	None.	
Total .....	809,554	1,810	3,680,250	16,425	30,013,145	173	340,748	336,433	\$ 62,292	None.	

THE SUN LIFE ASSURANCE CO.

In Canada.....	174,035	941	1,505,433	3,529	5,548,706	28	59,334	53,545	6,824	None.	} 31st December, 1883.
In other Countries.....	52,816	80	170,970	478	1,164,960	4	7,608	2,023	5,685	None.	
Total .....	226,851	1,021	1,676,403	4,007	6,713,666	32	57,942	55,568	12,409	None.	

## -ABSTRACT of Accident Insurance in Canada for the Year 1883.

	Premiums of this year.	Number of Policies New and Renewed.	Amount of Policies New and Renewed.	Number of Policies in force at date.	Net amount in force at date.	Losses incurred during the year.	Claims paid.	UNSETTLED CLAIMS.	
								Not Registered.	Registered.
	\$		\$		\$		\$	\$	\$
*Accident.....	44,638	5,354	6,438,500	2,330	4,693,900	17,107	16,307	800	None.
Citizens'.....	17,403	2,399	3,615,375	1,170	1,789,400	12,021	11,909	235	None.
London Guarantee & Accident.....	11,226	1,303	2,157,600	1,865	3,340,900	1,752	1,752	None.	None.
Sun.....	17,059	1,534	2,893,100	1,875	3,367,050	10,388	10,388	None.	None.
Travelers'.....	38,618	4,119	8,073,350	.....	.....	.....	38,777	2,060	None.
Totals.....	128,944	14,709	25,178,925	.....	.....	.....	79,133	3,035	None.

\* Canadian business only.

## DOMINION SAFETY FUND LIFE ASSOCIATION.

Cash received for admission fees, dues, assessments and payments to Safety Fund \$35,674; certificates issued during the year, 905—amount, \$905,000; certificates in force at date, 2,003—amount, \$2,003,080; certificates become claims during the year, 12—amount, \$12,000; claims paid, \$12,000; claims unsettled, none.



## ABSTRACT of Guarantee Business in Canada, for the Year 1883.

	Premiums of the Year.	Number of Policies New and Renewed.	Amount of Policies New and Renewed.	Number of Policies in force at date.	Net amount in force at date.	Losses incurred during the year.	Claims Paid.	Unsettled Claims.	
								Not Registered.	Registered.
	\$		\$		\$	\$	\$	\$	\$
Citizens' .....	None.	None.	None.	None.	None.	None.	3,958	None.	None.
Guarantee Co. ....	44,477	4,065	5,282,420	4,372	5,432,405	17,468	18,585	None.	None.
Landon Guarantee and Accident .....	14,437	1,708	2,430,600	2,000	2,994,850	6,120	3,878	3,698	None.
Totals .....	58,914	5,771	7,713,020	6,372	8,427,255	23,588	26,421	3,698	None.

## ABSTRACT of Accident and Guarantee Business done by Canadian Companies which do business outside of the Dominion, for 1883.

## THE ACCIDENT INSURANCE CO. OF NORTH AMERICA.

	Premiums of the Year.	Number of Policies New and Renewed.	Amount of Policies New and Renewed.	Number of Policies in force at date.	Net amount in force at date.	Losses incurred during the year.	Claims Paid.	Unsettled Claims.	
								Not Registered.	Registered.
	\$		\$		\$	\$	\$	\$	\$
In Canada .....	44,638	5,354	8,439,500	2,380	4,693,900	17,107	16,307	800	None.
In other Countries .....	211,943	16,565	22,840,400	13,556	15,890,400	75,674	73,174	3,500	None.
	256,581	21,919	31,279,900	15,886	20,584,300	92,781	89,481	4,300	None.

## THE GUARANTEE CO. OF NORTH AMERICA.

In Canada .....	44,447	4,065	5,282,420	4,372	5,432,405	17,468	18,585	None.	None.
In other Countries .....	116,005	11,132	14,988,950	9,217	12,190,250	40,382	36,386	7,162	None.
	160,482	15,197	20,251,370	13,589	17,622,655	57,850	54,971	7,162	None.

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ANNUAL REPORT

OF THE

DEPARTMENT OF THE INTERIOR

FOR THE YEAR

1883,

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*Printed by Order of Parliament.*

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*To His Excellency the Most Honourable the Marquis of Lansdowne,  
Governor General of Canada, &c., &c.*

MAY IT PLEASE YOUR EXCELLENCY:

The undersigned has the honour to lay before Your Excellency the Annual Report of the transactions of the Department of the Interior.

Respectfully submitted,

D. L. MACPHERSON,

*Minister of the Interior.*

OTTAWA, 8th March, 1884.



# TABLE OF CONTENTS.

	PAGE
Report of the Deputy of the Minister of the Interior.....	ix
PART I.—DOMINION LANDS.	
Report of Aquila Walsh, Commissioner of Dominion Lands.....	1
do William Pearce, Inspector of Dominion Lands Agencies.....	3
Extracts from Reports of Rufus Stephenson, Inspector of Colonization Societies.....	6
Report of J. McD. Gordon, D.L.A., on the Bell Farm.....	11
do George Newcomb, D.L.A., on the Dufferin Mennonite Reserve.....	13
do do do Icelandic Reserve.....	14
do J. A. Pinard, Accountant of the Department, showing total scrip and warrants received.....	21
Statement of Receipts on account of Dominion Lands.....	22
do G. U. Ryley, Clerk of Timber, Mines and Grazing Lands.....	23
Statement of Receipts on account of Timber, Mines and Grazing Lands.....	24
do E. F. Stephenson, Crown Timber Agent, Winnipeg.....	25
Statement of Receipts at Crown Timber Office, Winnipeg.....	26
Summary of correspondence and transactions at Crown Timber Office, Winnipeg	27
Statement showing comparative prices of lumber sold in Winnipeg District, during 1882 and 1883.....	27
Statement showing saw mills operating under license in Manitoba, Keewatin and Assiniboia.....	28½
do Thomas Anderson, Crown Timber Agent, Edmonton.....	28
Statement of Receipts at Crown Timber Office, Edmonton.....	29
Summary of correspondence and transactions at Crown Timber Office, Edmonton.....	29
Statement showing saw mills operating under license in the Edmonton Agency	30
do C. L. Gouin, Crown Timber Agent, Calgary.....	31
Statement of Receipts at Crown Timber Office, Calgary.....	31
Statement showing saw mills operating under license in the Calgary Agency.	32
Summary of correspondence and transactions at the Crown Timber Office, Calgary.....	33
do D. J. Waggoner, Crown Timber Agent, Prince Albert.....	34
Statement of Receipts at Crown Timber Office, Prince Albert.....	34
do showing saw mills operating under license in the Prince Albert Agency.....	35
Summary of correspondence and transactions at Crown Timber Office, Prince Albert.....	36
do William Mills, in charge of Ordnance and Admiralty Lands.....	36
Statement showing sales and locality of the lands sold.....	38
do localities whence moneys received during year, and the amounts.....	38
Statement of Receipts.....	39
do showing amounts due and unpaid—rents, purchase money and interest.....	40

Appendix A—Statement of entries made, and of general business done at the several Dominion Land Agencies, including the Agencies of Colonization Societies	18
do B—Statement showing number of Letters Patent issued, number of acres patented, and nature of grants	20
do C—Statement showing the Registration Districts furnished with list of Patents issued in 1882	20

## PART II.—DOMINION LAND SURVEYS.

Report of Lindsay Russell, Surveyor-General	9
do E. Deville, Chief Inspector of Surveys	13
Schedule showing Dominion Land Surveyors employed	17
Statement of surveying instruments sold to surveyors, during the years 1880 to 1883	23
Statement of surveying instruments returned, and payments for use of same.	26
do showing surveying instruments in stock	27
do of monthly mean temperature at Stations in Manitoba, North-West Territory and British Columbia	28
do W. F. King, Inspector of Surveys	30
Extract from Report by S. Kains, D.L.S.; of survey of 10th and 12th Base Lines, between 4th and 5th Initial Meridians; also, part of 10th Base Line and Meridians, W. of 5th Initial Meridian	31
do do Edgar Bray, D.L.S.; 9th Base Line, from Range 5, W. of 3rd M., to Range 4, W. of 5th I.M.	37
do do A. F. Cotton, D.L.S.; Township Outlines, between 3rd and 4th I.M.	40
do do A. G. Cavana, D.L.S.; Township Outlines, between 3rd and 4th I.M.	45
do do C. F. Miles, D.L.S.; Township Outlines, between 4th and 5th I.M.; also, W. of 5th I.M.	48
do do G. B. Abrey, D.L.S.; part of 12th Base Line, between 2nd and 3rd I.M.; part of 4th M.; part of 15th Base, between 4th and 5th I.M., and the 11th Base, between 3rd and 4th I.M.	53
do do H. B. Proudfoot, D.L.S.; Township Outlines, W. of 2nd and 3rd I.M.	55
do do J. K. McLean, D.L.S.; Township Outlines, between 3rd and 4th I.M.	58
do do F. W. Armstrong, D.L.S.; Township Outlines, W. of 2nd, 3rd and 4th I.M.	62
do do Thomas Fawcett, D.T.S.; 8th Base, between 3rd and 5th I.M.; also, part of 8th, 7th, 6th and 5th Bases and Meridian Exteriors, W. of 5th I.M.	69
Record of temperature and of pressure of atmosphere for months of May to October, inclusive	75
Record of rainfall, May to October, inclusive	77
do do James F. Garden, D.L.S.; Township Outlines, between 3rd and 4th I.M.	78
do do Otto J. Klotz, D.T.S.; 3rd Base, W. of 4th I.M.; and 2nd Base, from Range 25, Eastward across the 4th I.M. to the 3rd I.M.	84
do do L. R. Ord, D.L.S.; Township Outlines, W. of 4th M.	

Extract from Report by C. E. Wolff, D.L.S. ; Township Outlines, W. of 4th and 5th I.M. ....	97
do do H. D. Ellis, D.L.S. ; Township Outlines in the vicinity of Battleford .....	100
do do C. A. Magrath, D.T.S. ; 11th Base, W. of 4th and 5th I.M. ....	101
do do J. J. McArthur, D.L.S. ; Township Outlines, between the 12th and 13th Bases, W. of 4th I.M.....	104
do do F. W. Wilkins, D.T.S. ; Township Outlines, W. of 3rd I.M.....	108
do do Isaac Traynor, D.L.S. ; Township Outlines, between 2nd and 3rd I.M.....	116

**PART III.—GEOLOGICAL SURVEY.**

Report of Dr. Alfred R. C. Selwyn, Director of the Geological and Natural History Survey... Examination of country and mines on northern shores of Lake Superior ; Huronian and Laurentian systems at Rat Portage ; Coal District at Turtle Mountain ; Anthracite seams at Bow River .....	3
Exploratory Surveys in British Columbia and North-West Territories.....	4
do District of Keewatin (east of Lake Winnipeg).....	5
Quebec, including explorations and surveys on the Cascapedia River and in Gaspé ; Apatite deposits north of the Ottawa River.....	7
Operations in New Brunswick.....	10
do Nova Scotia .....	10
do Prince Edward Island .....	8
Palæontology and Natural History.....	11

**MUSEUM.**

Specimens donated to the Geological Museum, and names of contributors.....	13
--	----

*Botany.*

Extract from Report of Professor Macoun on botanical researches made in Nova Scotia and on the Island of Anticosti.....	14
---	----

*Chemical, Mineral and Lithological Sections.*

Analysis of mineral specimens—gold and silver assays, &c.....	15
Library.....	16
Visitors to Museum.....	16
Staff, appropriation and expenditure. ....	16
Correspondence .....	17

**PART IV.—NORTH-WEST TERRITORIES.**

Report by Lieutenant-Governor Dewdney, embracing therein :—	
The removal of the Seat of Government to Regina .....	3
Public Buildings at Regina .....	4
Erection of Electoral Districts.....	4
Session of Council—Names of Members composing the Council.....	4
Ordinances passed.....	5
Schools .....	5
Crow's Nest Pass Trail.....	5
Names of rivers and streams across which bridges are proposed to be erected ; also bridges and roads to be repaired and improved.....	5
Colonization Companies.....	7
Indians.....	8



---

Mining.....	8
Lieutenant-Governor's Office.....	8
Names of important Towns.....	8
Return of Special Permissions granted for importation of intoxicating liquors.....	10
List of Justices of the Peace.....	14
do Notaries Public.....	15
do Issuers of Marriage Licenses.....	16
Abstract showing legislation in the North-West Territories, and Ordinances passed from 1878 to 1883, inclusive, under power conferred by Order in Council of 11th May, 1877.	17

PART V.—MINING REGULATIONS.

Quartz Mining.....	3
Placer Mining.....	6
Bed-Rock Flumes.....	8
Drainage of Mines.....	8
Ditches.....	9
General Provisions.....	11

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ANNUAL REPORT  
OF THE  
DEPARTMENT OF THE INTERIOR  
FOR THE YEAR 1883.

DEPARTMENT OF THE INTERIOR,  
OTTAWA, 29th February, 1884.

*To the Honourable David L. Macpherson, Minister of the Interior.*

SIR,—I have the honour to submit the Annual Report of the Department of the Interior, which, as usual, includes a complete statement of the business transacted to the end of the month of October, and, as far as possible, a general outline of all done to the close of the calendar year 1883.

Since the date of the last Annual Report important changes have taken place in the Department. At the beginning of the financial year, a complete re-organization was effected. The business had become so extensive, and the operations directed by the Minister of Interior so varied in their character, that a distribution of direct responsibility amongst the several officers at the head of the chief divisions of this work became imperative. At the time mentioned, therefore, the offices of Surveyor-General and Deputy Head, which had been combined in the person of my immediate predecessor, Mr. Lindsay Russell, were separated, Mr. Russell retaining the supervision of the Technical Division, and his seniority as a Deputy Head. Mr. Frederick White was invested with similar rank and authority as Comptroller of Mounted Police. Dr. Selwyn, who, as the Director of the Geological Survey, had always exercised independent control over that Branch of the Department, was also given the rank of a Deputy Head.

On the 17th day of October last you became the actual, as you had been for the greater portion of the preceding three years the Acting Minister of the Interior, and the North-West Mounted Police were then detached from this Department, and continued under the direction of your predecessor, the Right Hon. Sir John A. Macdonald.

Although the year 1883 does not show so great an increase in the business of the Department over the preceding year as did 1882 over 1881, and although, in regard to the receipts from sales and leases of the public lands, there was a slight decrease, the rate of progress has been fairly maintained, and the augmentation of the population of Manitoba and the Territories and the increase in area of home-

stead and pre-emption lands brought under cultivation during the year have been satisfactory.

The number of letters received in the Department during the year, exclusive of the Mounted Police and Geological Survey, was 27,180, as compared with 25,500 for the preceding year, and the number sent was 33,500, as compared with 30,300 in 1882.

The following is a summary of the returns of homestead and pre-emption entries granted and sales made by the Department, through its several agencies in Manitoba and the North-West Territories, during the past two years:—

	1882	1883
	Acres.	Acres.
Homesteads.....	1,181,652	970,719
Pre-emptions.....	904,211	659,120
Sales .....	613,282	202,143
	2,699,145	1,831,982

The decrease in the sales of lands as compared with 1882, is accounted for largely by the fact that in the spring of that year, during the period of inflation which was experienced in the North-West, the demand for farming lands, especially in the Birtle country, was very great, and the area disposed of correspondingly large. The sales of last year were more nearly in proportion to the natural demand.

There would seem to be a decrease of somewhat over 200,000 acres of home stead, and of about an equal area of pre-emption lands taken up during the year, as compared with the year 1882; but the Commissioner of Dominion Lands points out that a very much larger proportion of entries for these have been perfected by residence and cultivation on the part of those making them than in the previous year, and it may also be pointed out that a considerable proportion of the settlement of last summer affected lands which had been entered during the summer of 1882, but the entries for which were not so perfected.

The report of the Commissioner shows that 389 applications for cancellation had been submitted to the Land Board, which would involve, making due allowance for the usual proportion of homesteaders who did not avail themselves of the right of pre-emption, an area of about 120,000 acres; and as 375 of these cases were finally disposed of, the right of re-entry being granted in the majority of them, it is quite within the mark to say that of the lands taken up by settlers going into the country during the past season, 100,000 acres consisted of lands entered by speculators during the preceding year. Subtracting this area from that shown in the Report of 1882 to have been homesteaded and pre-empted in that year, and adding it to the actual area shown by the returns to have been homesteaded and pre-empted during the

season of 1883, it will be seen that there is practically but a very slight falling off in the latter year of the number of persons who became settlers on the public domain.

In this connection the following comparison of the transactions of the Department, year by year, from the time the North-West was acquired by Canada, will be found interesting:—

Year.	Homesteads Area.	Pre-emptions Area.	Sales Area.	Total Area.
	Acres.	Acres.	Acres.	Acres.
Up to 1872.....	40,000	1,600	15,200	56,800
1873.....	136,640	2,400	16,620	155,660
1874.....	215,520	101,461	17,713	334,694
1875.....	84,480	67,314	4,908	156,702
1876.....	52,960	40,406	39,562	132,928
1877.....	145,280	107,715	170,989	423,984
1878.....	308,640	275,240	125,380	709,260
1879.....	555,296	270,178	271,343	1,096,817
Oct. 31, 1880.....	280,640	140,790	260,797	682,227
do 1881.....	438,707	263,647	355,166	1,057,520
do 1882.....	1,181,652	904,211	613,282	2,699,145
do 1883.....	970,719	659,120	202,143	1,831,982
	4,410,534	2,834,082	2,093,103	9,337,719

A comparison of the financial results of these operations will be equally interesting:—

Fiscal Period.	Homestead and Pre-emption Fees.	Ordinary Sales.		Sales to Colonization Companies.	Total.
		Cash.	Scrp.	Cash.	
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
July 1, 1872, to June 30, 1873 ....	6,970 00	21,616 00	.....	.....	28,586 00
do 1, 1873, to do 30, 1874 ....	8,290 00	17,697 00	.....	.....	25,987 00
do 1, 1874, to do 30, 1875 ....	11,570 00	13,591 90	.....	.....	25,161 90
do 1, 1875, to do 30, 1876 ....	4,700 00	3,704 31	320 00	.....	8,724 31
do 1, 1876, to do 30, 1877 ....	5,620 00	1,069 90	136,955 16	.....	143,645 06
do 1, 1877, to do 30, 1878 ....	15,370 00	2,682 24	120,159 54	.....	138,211 78
do 1, 1878, to do 30, 1879 ....	36,026 00	8,188 44	210,904 84	.....	255,119 28
do 1, 1879, to do 30, 1880 ....	32,358 00	41,768 47	81,685 86	.....	155,812 33
do 1, 1880, to do 30, 1881 ....	30,682 75	62,940 84	70,828 30	.....	164,451 89
do 1, 1881, to do 30, 1882 ....	94,228 90	1,228,424 37	50,590 84	354,036 17	1,633,051 38
do 1, 1882, to do 30, 1883 ....	127,740 00	516,092 21	33,638 40	248,492 01	798,222 62
do 31, 1883, to Dec. 31, 1883 ....	34,570 00	119,947 79	17,167 36	243,001 09	380,116 24

The revenue from grazing, mineral, and timber lands combined, from the organization of the Dominion Land Office up to the close of the first half of the current financial year, is shown in the statement hereunder:—

Fiscal Period.			
1st July, 1872, to 30th June, 1873.....		\$	109 25
do 1873 do 1874.....			1,710 55
do 1874 do 1875.....			3,335 25
do 1875 do 1876.....			387 00
do 1876 do 1877.....			320 00
do 1877 do 1878.....			1,620 00
do 1878 do 1879.....			325 00
do 1879 do 1880.....			25,077 76
do 1880 do 1881.....			34,888 16
do 1881 do 1882.....			61,553 14
do 1882 do 1883.....			113,824 80
do 1883, to 31st Dec'r, 1883.....			116,880 30
			\$360,031 21

I submit also a statement showing the total annual cash receipts from all sources combined during these years:—

1872-73 .....	\$	28,695 25
1873-74 .....		27,697 55
1874-75 .....		28,626 15
1875-76 .....		7,073 90
1876-77 .....		9,715 81
1877-78 .....		19,892 24
1878-79 .....		44,944 14
1879-80 .....		100,756 32
1880-81 .....		131,124 02
1881-82 .....		1,744,456 48
1882-83 .....		1,009,026 45
From 1st July, 1883, to 31st December, 1883.....		516,004 96
		\$3,668,013 27

A summary of these comparative statements, and covering the same period of time, which could not conveniently be introduced into the body of this Introductory Report, is given in tabulated form on page.

It will be noticed that of the cash receipts for the financial year ending the 30th June, 1882, there was derived from sales to Colonization Companies the sum of \$354,036.17; for the financial year ending the 30th June, 1883, \$2,849,201; and

for the half year ending the 31st December last, \$243,001.09. The revenue from the sales to these companies continues to be a very important item in the income of the Department, while at the same time, as is shown by the extracts from the reports of Mr. Rufus Stephenson, published in the sub-reports hereto, and from an examination of the figures contained in Appendix No. 8, their efforts to promote the settlement of the lands in their several tracts have been successful to a gratifying extent, considering that the season of 1883 was the first during which they had the opportunity of putting the system into practical effect, and considering also the active competition in the immigration field with which they had to contend.

There are at the present time 26 of these Companies fully organized and in operation, to whom grants have been made under Plan No. 1 of the Regulations of the 23rd December, 1881, affecting 2,973,978 acres of land, one-half of which area—the even numbered sections—is of course open to homestead and pre-emption entry upon application to the Agents of the Companies, who for this purpose are under their agreement constituted the Agents of this Department, and are subject to the direct control of the Minister of the Interior. It was only possible, for various reasons, to have an enumeration made of the settlers on the tracts of 12 of the 26, and this enumeration shows a total number of 664 heads of families, who had not only received their entries through the Agencies of the Companies, but were in actual residence upon and cultivating their lands at the time of the enumeration. With the view of making their colonies as attractive as possible, most of the Companies are, at their own expense, furnishing their settlers with many necessary conveniences, such as saw and grist mills, stores, blacksmith and carpenters' shops, stage communication, and postal facilities where the regular departmental mail service has not already been established. They are also introducing superior qualities of seed grain, thorough-bred and well graded live stock, and the most improved implements of husbandry, which it is said they offer at fair prices. One prominent cattle breeder, who has accepted the position of Managing Director of a Colonization Company, proposes, I understand, to place a considerable number of his thorough-bred stock upon the Company's tract.

Among the sub-reports herewith submitted, is one upon the Qu'Appelle Valley Farm, popularly known as "the Bell Farm." There are also special sub-reports upon the present condition and prospects of the Mennonite and Icelandic Colonies, in the Province of Manitoba.

The Land Board, under the direction of Mr. Commissioner Walsh, continues to fulfil the object of its appointment, and to dispose of the cases referred to it promptly and equitably. In addition to his duties as Chief Officer of the Board, Mr. Walsh has under his control the land and timber Agencies of the Department in Manitoba and the North-West Territories, and also the Land Guide and Homestead Inspection services. These Agencies are rapidly increasing in number, as the survey

and settlement of the country and the construction of railways progress. Mr. Pearce, also a member of the Land Board, is charged with the inspection of the books and business affairs of the Agencies, the conduct of enquiry upon the spot into many difficult and delicate matters of dispute, and generally attending to everything appertaining to the outside work of the Board.

The system of inspection of homesteads inaugurated under the amended Land Act, of 1883, is operating very markedly to the advantage of the actual settler, and has had the effect of putting an end to the occupation of the professional "homestead jumper"—an excrescence upon the free homestead system which, fortunately for the happiness of the people, has disappeared under the new order of things. Owing to the industry with which these "jumpers" plied their calling, and the extent to which the choice lands were being taken up by speculative squatters and spurious homesteaders, hired for the occasion, to the manifest injury of the *bond fide* settler, one tier of sections on each side of the line of the Canadian Pacific Railway, and the residue of the even numbered sections between the southern limit of the Railway Company's 48 mile belt and the International Boundary, were in 1882 temporarily withdrawn from homestead and pre-emption. The causes of this withdrawal having been removed, the lands described were at the beginning of the current calendar year re-opened on the liberal conditions provided for by the Dominion Lands Act and the regulations of the 23rd December, 1881. It continues to be the object of the Department to protect and encourage the *bond fide* homesteader.

The timber, grazing, and mining business of the Department continues to grow with great rapidity.

It has not been considered necessary as yet to ascertain by actual inspection and enumeration, the extent to which the lessees of grazing lands have complied with the requirements of the regulations in regard to the stock to be placed within their several leaseholds, but it is shown by the returns made to the Department by the Companies themselves that, generally speaking, the objects and expectations of the Government in offering inducements to cattle raisers to place their stock upon the eligible grazing lands lying along the base of the Rocky Mountains, have already to a large extent been attained.

It is worthy of remark that the rents paid into the Department on account of grazing lands during the last financial year, amounting in all to \$19,293.83, exceeded the whole cash revenue derived from the sales of Dominion Lands in any one year, down to the close of 1878. In the case of sales, the fee simple of the lands passes from the Crown for ever, and they cease, at least directly, and except as regards the precious metals, to be a source of income. Whereas, in regard to grazing lands, the tenure is a mere leasehold, terminable upon two years' notice; the value of the land is not reduced, but on the contrary, is greatly enhanced; and it is found by experience that

far from discouraging settlement, the introduction of large herds of cattle, and the granting of the exclusive privilege of ranging within certain districts to the owners of these cattle, have been the means of inducing an influx of population into regions which would otherwise have remained unnoticed for years, and to an extent which has led to more or less agitation for the cancellation of these leases and the abandonment of the system. I do not mention the capital invested in the stocking of these ranches, the obvious advantages of which have been pointed out in previous Reports.

The direct payments into the Dominion Treasury from mineral lands have so far been small, amounting for the past year to \$1,840, but as a factor in the development of the North-West they have during that period attained to first-class importance. The existence of coal in practically unlimited quantities in South-Western Manitoba, in the valleys of the North and South Saskatchewan, and indeed more or less throughout the whole of the Territories west of the Second Meridian, had already been satisfactorily proven; but not until the season of 1883 did coal mining become an established industry in that new country. During last summer, however, operations were commenced at several points, but particularly, and with most success, on the South Saskatchewan, where that river is crossed by the Canadian Pacific Railway, from which place, at one period, there was an average daily out-put of from 300 to 400 tons and this coal, even at Winnipeg, a distance of some 600 miles from the pit mouth, was procurable at from \$8 to \$11 per ton. The effect of this was to produce a very marked decrease in the cost of fuel of all kinds throughout Manitoba and the Territories, the price of anthracite in Winnipeg having fallen from \$15.75 to \$14.00 per ton.

The deposits on the South Saskatchewan and its tributaries consist of a superior class of lignite, equal to much of the bituminous coal consumed on this continent. The product of one mine in the Belly River country has been tested by the Locomotive Department of the Canadian Pacific Railway, with so much success that the Company has contracted for a large annual supply of it for the next five years.

Contrary to the expectations of the most sanguine, a valuable deposit of anthracite has been discovered close to the line of the Canadian Pacific Railway, on the Devil's Head Creek, a tributary of the Bow River, about 40 miles east of the summit of the Rocky Mountains and 60 miles west of Calgary. The importance of this discovery can hardly be over-rated, particularly as the deposit is already known to extend over a considerable area. The prospects of successful mining for the precious metals on the eastern slopes of the Rocky Mountains are exceedingly encouraging. A large number of practical miners, drawn from various parts of the world, expended a good deal of time and capital in prospecting at different points in the course of the past summer. Some discoveries of rich ores are said to have been made, and there is every reason to anticipate that there will be an extensive movement of population towards the mining regions. On the Upper North Saskatchewan and its tributary



streams flowing out of the mountains, there has as yet been no discovery reported of quartz or other gold-bearing rock in place, but this section of country is rich in promise of remunerative employment for the class of miners who, with primitive appliances and inexpensive outfit, make the development of alluvial and sub-aqueous deposits their business.

The mining regulations recently adopted, and published as an Appendix hereto, have been prepared after very careful consideration of the special requirements of the country, and the mining laws and regulations of other nations. They will be found to be exceedingly liberal.

The satisfactory increase in the revenues of the Crown from the timber on Dominion Lands, which was noted in last year's Report, continues, being \$219,785.83 for the twelve months ending the 31st October, 1883, or \$108,004.00 in excess of the amount for the previous year. But what is even of greater consequence than revenue is the fact that, through the policy of offering timber berths at a comparatively limited original cost to those willing to comply with the regulations of the Department in regard to the erection of mills, &c., in connection with each berth and thus promoting a competition which could not have been produced had the system been followed of offering timber lands in unlimited areas to persons willing to pay the highest price for them, the pioneer settler is now enabled to procure the necessary lumber for his farm buildings, &c., at a cost of 40 per cent. on the average less than at any previous period since the acquisition by Canada of Manitoba and the North-West Territories.

From data obtained by the Crown Timber Agent of this Department at Winnipeg from the accounts of the sales of the principal lumbermen of that city, it is ascertained that the prices of the various classes of lumber at that point during each year from 1872 to 1884, were as follows:—

Year.	Pine per M.	Spruce per M.	Tamarac per M.	Oak per M.	Poplar per M.
	\$	\$	\$	\$	\$
1872.....				40 00	40 00
1873.....	35 00			38 00	37 00
1874.....	28 66			35 00	33 00
1875.....	26 00			35 00	30 00
1876.....	26 66			35 00	
1877.....	26 66			35 00	
1878.....	28 66			37 50	
1879.....	28 66	22 00	22 00	35 00	
1880.....	27 33	23 00	24 00	35 00	28 00
1881.....	28 66	24 50	24 50	35 00	28 00
1882.....	28 33	26 50	26 50	35 00	28 00
1883.....	25 00	20 00	20 50	35 00	18 00
1884.....	21 00	15 25			

The foregoing statements show that at this date the price of pine lumber in the Winnipeg market is 40 per cent. less than in 1873; spruce lumber, over 30 per cent. less than in 1879; tamarac lumber, nearly 7 per cent. less than 1879; oak lumber, 12 $\frac{3}{4}$  per cent. less than in 1872; and poplar, 55 per cent. cheaper than in 1872.

Under an agreement between the Government and the Canadian Pacific Railway Company, the town sites on the line of the railway at Virden, Broadview, Regina and Moose Jaw, being situated partly on even and partly on odd numbered sections, are being administered by trustees on joint account. Since the beginning of the calendar year, the trustees have rendered a preliminary statement of the sales effected and payments made thereon; and have placed to the credit of the Receiver-General the sum of \$111,000 on account.

#### PRE-EMPTIONS.

It may here be mentioned that in addition to the sums actually paid into the Department on account of lands disposed of, there will fall due in the course of the next three years, upon pre-emptions already entered, and also instalments upon time sales, an aggregate of \$4,393,070.

#### ORDNANCE AND ADMIRALTY LANDS.

The income from sales and rents of Ordnance and Admiralty Lands differs little from last year. I recommend that more vigorous steps be taken to compel the payment of arrears.

#### PATENTS.

Not the least important of the results of the re-organization of the Department in July last, was that affecting the issue of Crown Patents for Dominion Lands. The rapid increase in the number of persons acquiring title to their lands which occurred in the course of the last year or two, caused a considerable arrearage in that branch of Departmental work; but, under the amended Land Act of 1883, the process of issuing patents has been greatly simplified, and the consequence is that at this date the recommendation of the Land Commissioner that a patent do issue is received in the Department one day, and in two or three days hereafter the patent itself is ready for delivery to the person entitled to it. For the Departmental year ending the 31st October last, patents to the number of 4,341 were prepared and issued.

#### SURVEYS.

The report of the Surveyor-General upon the operations of his Division constitutes Part No. 2 of this Volume, and containing as it does an exhaustive review of the system of survey applied to Dominion Lands and its various processes, with the

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modifications and improvements which have been made from time to time, it will be found to be a most important and interesting public document.

The area sub-divided into sections and quarter sections during the past season amounts to 27,000,000 of acres, equal to 168,750 farms of 160 acres each. In other words, the season's operations, when the returns of survey have been examined and approved, as required by law, will have rendered available for settlement an extent of agricultural land, exclusive entirely of the areas covered by lakes and rivers, capable of accommodating a purely agricultural population of 506,250, allowing an average of only three souls to each farm—a result, I venture to submit, never before attained within a similar period of time in the history of any country, and one which is well calculated to exemplify the determination of the Government and the readiness of the people of Canada to spare neither energy nor money in order to open up the fertile lands of the North-West and make them available for settlement.

Briefly summarized, the practical result of last season's surveys, as distinguished from their technical and scientific results, is to prove beyond dispute that large tracts of land, represented upon the educational maps with which the present generation is familiar as useless desert, are found to be of good quality and well fitted for the varied branches of agriculture. This refers to but a limited proportion of the Territories. As to the remainder, there has not for many years been any doubt either as to its fertility or its adaptability for agriculture, and a closer examination of its resources confirms and even strengthens what was previously reported.

There would appear to be no part of the surveyed portions of the Canadian North-West upon which nature has not bestowed her favours lavishly.

The prairie regions, in which timber is scarce, are almost invariably found to be underlaid with coal—not always, it may be assumed, of first-class quality, or of great commercial value, but nevertheless of the highest utility to the consumer on the spot, and more than equal to timber as an article of fuel. Moreover, with coal as a substitute for wood, the farmer is saved the heavy expense involved in the process of clearing, and obtains immediate remunerative returns from his farming operations.

Lying beside the valuable deposits of coal in the Valley of the South Saskatchewan, there is an abundance of as fine brick and *terra cotta* clay as exists in any country, and between that region and the Rocky Mountains the natural grasses are unexcelled on this continent, whether considered with reference to their perennity, their abundance, or their nutritiousness.

In the Rocky Mountains, within easy reach of the main line of the Canadian Pacific Railway, there are actually discovered and partially developed deposits of coal, gold, silver, and copper, indications of a plentiful supply of iron, considerable quantities of fine merchantable timber, and natural water powers on the numerous

streams issuing from the mountains, providing more than sufficient force to convert the natural resources of that region into their manufactured products.

Pursuing the process which has been already applied to the other branches of the business of the Department, the following table will afford a comparison of the areas surveyed and set out for settlement during the several years which have elapsed since the organization of the Dominion Lands Office:—

	No. of farms of 160	
	Acres.	acres each.
Previous to June 1873.....	4,792,292=	29,952
In 1874 .....	4,237,864=	26,487
" 1875.....	665,000=	4,156
" 1876.....	420,507=	2,628
" 1877.....	231,691=	1,448
" 1878.....	306,936=	1,918
" 1879.....	1,130,482=	7,066
" 1880.....	4,472,000=	27,950
" 1881.....	9,147,000=	50,919
" 1882.....	9,460,000=	53,125
" 1883.....	27,000,000=	168,750
Total number of farms.....		380,399

The agricultural population{these lands would sustain, on the basis of three souls to a homestead, would be . . . . . 1,141,197

It is only necessary to add that the increase in the business of the Department in all its Branches, and the settlement of the North-West and development of its resources of which this increase is an index, have to a large extent been the result of the unexampled energy with which the construction of the Canadian Pacific Railway has been carried on, although, of course, the full fruition of that great enterprise will not be attained for years.

GEOLOGICAL SURVEY.

The explorations and surveys in connection with this Branch of the Department have been carried on by a larger number of parties than in any previous year.

Their operations in the west have been conducted in Manitoba, Keewatin, the North-West Territories, British Columbia, on the eastern and western slopes of the Rocky Mountains; and in the east extensive explorations and surveys have been made in the Provinces of Quebec, Nova Scotia, New Brunswick and Prince Edward Island, with a view to the accumulation of additional precise geological details of these regions.

A further examination has been made in person by Dr. Selwyn, the Director of the Survey, of the country along the northern shores of Lake Superior, from Port Arthur to the Pic River. While on this service, a visit was made by the Director to the Slate Islands, and to the Rabbit Mountain Silver Mine. The Jack Fish Lake mine, now called the "Huronian Mine," was also visited by Dr. Selwyn, who pronounces it the most promising mining venture he has seen in that region. In his report of examination of the Turtle Mountain country, in Manitoba, he states that the evidence clearly shows there is a likelihood of workable seams of coal being found there. Outcrops of strata, similar to those associated with the coal south of the Boundary, were found on the north side of the mountain, in Ranges 20, 21 and 22, west of the First Principal Meridian. He states it would be very desirable to make some further investigation, by boring to a moderate depth, on the outcrops referred to. An examination was also made of the newly discovered seams of anthracite coal, on the Devil's Head Creek, west of Calgary. Samples of these coals are now being analysed, and the results will be given in the Annual Report of the Branch, to be prepared during this winter.

In British Columbia, the region intersected by the line of the Canadian Pacific Railway has been carefully examined and explored, and sufficient additional details have been gathered to justify the publication of a new edition of the map of this region prepared by Dr. G. M. Dawson, and published in the Report for 1877-78.

The researches made in the vicinity of the Rocky Mountains prove the existence of large tracts of coal-bearing cretaceous rocks in the very heart of the range, of which the anthracite region of Devil's Head Creek is a special development. A portion of Dr. Dawson's time was devoted to work on the plains of the North-West. A number of points were also visited for the purpose of completing the information required for a map of the coal fields of the western portion of the District of Alberta.

In the Cypress Hills region, the existence of tertiary beds has been discovered of greater age than any which have previously been found in the North-West. These beds are said to be underlaid by a lignite seam throughout the whole extent of the Cypress Hills, which in some places attain to a thickness of 5 feet.

Owing to the discovery of the precious metals at the Lake of the Woods, that district was examined and specimens of ores were collected at places where mining for gold had commenced.

An examination was also made of the southern part of the District of Keewatin, including an actual survey of the shores and islands of the Lake of the Woods. The effect of these operations, will be to confirm the general mapping, in 1873, of the distribution of the Laurentian and Huronian rocks of the Lake of the Woods and Rainy River Districts.

Important explorations and surveys were made in the Eastern Provinces, particularly in the Gaspé Peninsula, and in the coal districts of Nova Scotia. In the former, the mountains were visited and examined, and the surveys of the heads of several rivers completed.

Prominent among the contributors of specimens to the Geological Museum, during the past season, are mentioned the Right Hon. the Marquis of Lorne and Her Royal Highness the Princess Louise.

The Geological Survey work in New Brunswick was continued, attention being given to the surface geology and physical features of the region traversed in that Province.

GOVERNMENT OF THE NORTH-WEST TERRITORIES.

The Lieutenant-Governor of the North-West Territories submits a report of his administration for the past year (Part No. IV). The imposition of the tax which it was deemed expedient to place on permits for the importation of intoxicating liquors has had the effect of lessening the number of applications.

Respecting the removal of the seat of Government from Battleford to Regina, which was selected from the central position it occupies in Assiniboia and on the main line of the Canadian Pacific Railway, and also on account of its being situated in the heart of a vast and rich agricultural country, His Honour calls attention to the fact that though the selection met with bitter criticism from a portion of the Canadian press, the wisdom of the choice was unanimously endorsed by the North-West Council at its last Session; that a considerable town has already sprung into existence; and that large numbers of settlers, attracted by the great fertility of the soil of the district, have taken up land around Regina. An objection at one time strongly urged against the selection—the supposed scarcity of water—has been entirely overcome, there being now an abundant supply to meet all possible requirements for many years to come.

Five districts of 1,000 square miles each, having been found to contain the required number of inhabitants, have been erected into as many electoral districts, namely, Edmonton, Broadview, Qu'Appelle, Regina and Moose Jaw, which, with the district of Lorne, erected in 1880, make altogether six districts having popular representation in the North-West Council. The Council, composed of the Lieutenant Governor, two Stipendiary Magistrates, three nominated and six elected members, met in August last, and passed a number of ordinances. Another Stipendiary Magistrate has since been appointed, so that the Council now consist of twelve members.

Nineteen schools receiving Government aid are already in operation, and so many applications are being received for the establishment of others, consequent on the rapidity with which the country is becoming peopled, that the Lieutenant Governor

anticipates that in another year the funds at his disposal for this purpose will be inadequate to meet the demands upon them.

The improvement of the "Crow's Nest Pass Trail" was carried out under the supervision of an experienced person, and appropriations were granted by the Council for the construction of a number of bridges in the various districts.

Referring to the colonization companies, and to their intimate connection with the progress of the Territories, His Honour states that the mistrust and uneasiness with which they were at first regarded by the old settlers and squatters have gradually been dissipated, as the work of the companies has come to be better understood, while the immigrant, realizing that his choice in selecting a homestead is in no way restricted by their presence, but that the surrounding settlement effected by them is of great advantage to him, has come to look upon them with much more favour than at first.

The wise policy adopted by the Government in regard to the Indians is now bearing fruit, most of the bands having gone to their respective reserves, and it is hoped that next spring will see them all so settled. The efforts of many of the Indians to become agriculturists have been crowned with success.

Reference is made to mining, and to the exciting reports of wonderful discoveries which have recently been circulated, and His Honour is of the opinion that the outlook is sufficiently promising to warrant further prospecting, and a rush to the mines is anticipated by him in the spring.

The crops, in spite of an unusually dry summer and early frost, were very abundant, though a portion suffered on account of late sowing. This mistake, it is expected, will be rectified as the new settlers become more fully impressed with the necessity for improved cultivation and early seeding.

In conclusion, His Honour reports that there is general contentment throughout the Territories, and great confidence in the future of the country.

I have the honour to be,

Sir,

Your obedient servant,

A. M. BURGESS,

*Deputy of the Minister of the Interior.*

DEPARTMENT OF THE INTERIOR.

STATEMENT showing Receipts on account of Dominion Lands, commencing with the Fiscal Years 1872-73, and ending 31st December, 1883.

Fiscal period.	Homestead Fees.	Pre-emption Fees.	Sales—Cash.	Timber, Grazing and Mineral.	Colonization.	Miscellaneous.	Totals in Cash.	Scrip.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1st July, 1872, to 30th June, 1873.....	6,970 00	.....	21,616 00	109 25	.....	.....	28,695 25	.....
do 1873 do 1874.....	8,290 00	.....	17,697 00	1,710 55	.....	.....	27,697 55	.....
do 1874 do 1875.....	11,570 00	.....	13,591 90	3,335 25	.....	129 00	28,626 15	.....
do 1875 do 1876.....	4,700 00	.....	3,701 31	387 00	.....	924 50	9,715 81	.....
do 1876 do 1877.....	5,690 00	.....	1,069 90	320 00	.....	64 00	7,073 90	.....
do 1877 do 1878.....	15,370 00	.....	2,682 24	1,620 00	.....	220 00	19,892 24	.....
do 1878 do 1879.....	31,156 00	.....	8,188 44	325 00	.....	404 70	44,944 14	.....
do 1879 do 1880.....	23,520 00	.....	41,768 47	25,077 76	.....	1,552 09	100,756 32	.....
do 1880 do 1881.....	19,916 00	.....	62,940 84	34,888 16	.....	2,613 27	131,124 02	.....
do 1881 do 1882.....	54,285 00	.....	1,228,424 37	61,553 14	.....	6,213 90	1,744,456 48	.....
do 1882 do 1883.....	73,015 00	.....	516,092 21	113,824 60	.....	2,877 43	1,009,026 45	.....
do 1883 to 31st Dec, 1883.....	20,870 00	.....	119,947 79	116,860 30	.....	1,605 78	516,004 98	.....
	278,282 00	129,843 65	2,037,723 47	360,031 21	845,589 27	16,603 67	3,668,013 27	732,360 30



## PART I

OF

## REPORT OF THE DEPARTMENT OF INTERIOR.

## REPORT OF THE LAND BOARD.

DEPARTMENT OF THE INTERIOR,  
OFFICE OF THE DOMINION LANDS COMMISSION,  
WINNIPEG, 1st November, 1883.

SIR,—I have the honour to submit the following Report of the operations of the Land Board, for the year ending on the 31st October, 1883 :—

Number of letters received.....	8,523
“ “ sent.....	8,449
Number of applications for cancellation.....	389
“ “ disposed of.....	375
Number of squatters' claims, viz. :—	
In “Mile Belt”.....	240
Town plot, 'Troy.....	6
“ Regina.....	20
“ Moose Jaw.....	44
“ Medicine Hat.....	40
“ Calgary.....	24
On school lands.....	60
South of Belt.....	100
	534
The squatters' claims, generally, are still in abeyance.	
Number of Homestead Inspectors' Reports received.....	378
(Most of these in September and October, 1883.)	
Number of applications for patent submitted.....	424
“ “ for leave of absence.....	1,079

The following statement of letters received and written in each month will show that the business transacted is steadily increasing :—

	Received.	Written.
November, 1882.....	541	660
December, “.....	473	534
January, 1883.....	615	865
February “.....	745	867
March “.....	674	715
April “.....	756	607
May “.....	699	651
June “.....	706	697
July “.....	644	639
August “.....	780	537
September “.....	800	635
October “.....	1,090	1,042

The Report of Mr. Inspector Pearce will shew the extent of work performed by him in addition to his duties as a member of the Land Board.

Every effort is being made to secure a uniform, consistent and efficient administration of the law, by the several local Agents and their assistants.

The adoption of a system of homestead inspection by persons appointed for that purpose will, I am convinced, prove very advantageous. These inspectors have no interest or inducement to do otherwise than report the facts as they find them; they have been instructed to inform the public that they have no power to influence the decision in any case; and I am satisfied from the experience already acquired, that fair and unprejudiced reports may be expected.

Whilst the Land Board are not disposed to order cancellation—except in very flagrant cases—advantage is taken, upon receipt of reports from inspectors, to advise the homesteaders that a more strict compliance with the conditions of the Homestead law will be expected for the future.

The changes introduced by the Act of 1883, in reference to applications for patent, are calculated materially to assist the officers of the Department in detecting such applications as should not be granted, and the facilities afforded the homesteader to use his title, so soon as he receives a certificate of recommendation, signed by the local Agent and countersigned by the Commissioner, are proving a very great boon indeed.

The speculative demand for lands resulting from the great excitement of 1882, having subsided, there has not been the same amount of trouble from claims preferred by speculative squatters.

The vast area of surveyed lands now open for settlement makes it easy for every person to find a perfectly free homestead upon which to settle, and it is hoped, as a result, that conflicting claims will be constantly diminishing.

The Land Guide Service for the past year has been efficient and satisfactory. Eight Guides in all were employed—three at Moosomin, two at Troy (or South Qu'Appelle), two at Regina, and one at Prince Albert. Knowledge of the country, of the system of survey, and of the best mode of travel over the prairie, was required of those I appointed.

In connection with this service, Intelligence Offices were opened at Moosomin and Troy, upon the line of the Canadian Pacific Railway, and a competent and experienced person placed in charge of each. Maps were exhibited in each of these offices, showing all lands taken up, and weekly returns were made by the several local Agents to the Intelligence offices of lands entered. These returns were at once coloured upon the maps, so that intending settlers could at all times see what lands were vacant before starting out in search of homesteads.

The rapid settlement of the country renders the assistance of Land Guides less necessary than hitherto, but it may be advisable to continue this service, on a limited scale, for a still further period.

The operations of the Crown Timber Branch of the service in the district under the charge of Mr. E. F. Stephenson, continues to be efficiently administered. Collections have been satisfactory, and every effort has been made to prevent the denuding of our forests by trespassers. As the other Crown Timber Agents do not report through this office, I am not in a position to speak of their operations.

A Dominion Lands Office will be established at Calgary in the ensuing spring, which will afford settlers in the western part of the Territories an opportunity for obtaining homestead entries. It may be necessary at the same time to open similar offices at other points, so that every reasonable facility may be given for securing lands.

The constantly increasing business connected with this office goes to show that the creation of a Land Board at this point has proved a convenience to the public. Every effort has been made to administer the law and the regulations so as to promote the interest of the *bond fide* homesteader and the settlement of the country.

I have the honour to be, Sir,

Your obedient servant,

A. WALSH,  
Commissioner.

The Hon. Minister of the Interior,  
Ottawa.

WINNIPEG, 31st October. 1883.

SIR,—I have the honour to report, through you, for the information of the Hon. the Minister of the Interior, on the general work of my office for the year ending this date.

In November last, an inspection was made of the lands in the vicinity of Qu'Appelle, to ascertain the *bond fides* of certain squatters thereon; at the same time the office at Birtle was inspected.

In December following, in company with yourself, I visited Ottawa.

After my return, in January, an inspection of the Turtle Mountain and Souris District land offices was made, and in February I again visited and inspected the Birtle District office. In May the Dufferin District and Qu'Appelle District land offices, situated at Nelson and Regina respectively, were inspected; also the reserves at Moose Jaw and Medicine Hat, with a view to ascertaining the extent of improvements and residence performed by the settlers thereon. In June, Indian Head was visited, in connection with the case of the squatters on the Bill Farm. In July, the Dufferin District land office at Nelson was again inspected, and a special trip made to the Primitive Methodist Colonization Tract, at Pheasant Plain, in Township 21, Range 9 west of the 2nd principal meridian.

On the 24th July, I left Winnipeg and proceeded to Whitewood, to inspect the office of the Fertile Belt Land and Colonization Company. From there proceeded to Moosomin, and drove to Fort Ellice and on to the Birtle land office; thence to Bin Scarth—the office of the Scottish Ontario and Manitoba Colonization Company; and to Assessippi, the office of the Shell River Colonization Company; thence to Chimo, where the offices of the Montreal and Western and Dundee Land Investment Company are located (Sec. 21, Tp. 21, R. 1 west of the 2nd meridian) thence to Crescent City (Sec. 18, Tp. 23, R. 3, west of the 2nd meridian) and to Yorkton (Sec. 13, Tp. 26, R. 4 west of the 2nd meridian) thence to Fort Qu'Appelle, following the old trail leading from Fort Pelly to that place, across the Beaver and File Hills.

At Fort Qu'Appelle, I met the agents of the Dominion Lands Colonization Company and the Touchwood and Qu'Appelle Company, and inspected their offices.

While there an examination was also made into the claims of several of the Qu'Appelle half-breed settlers and into the disputes arising therefrom.

From Fort Qu'Appelle, I proceeded west along the north bank of the river to the south end of Long Lake, thence northerly along the east bank of the lake to the north end, passing over the grants to the Qu'Appelle Land Colonization Company, the Farmers' Northwest Colonization Company, and the Qu'Appelle and Long Lake Colonization Company. The agent for the first named Company has his office in Regina, which was inspected by Dominion Lands Agent Gordon; the two latter Companies have no representative on the ground.

From the north end of Long Lake I proceeded to Saskatoon (Sec. 28, Tp. 30, R. 5 west of the 3rd meridian) where the office of the Temperance Colonization Company is located; thence *vid* Duck Lake to Prince Albert, where the office for that district was inspected. There I was delayed nearly a week, hoping to return to Winnipeg by boat, but had ultimately to do so by land, driving to Qu'Appelle *vid* Humboldt and Little Touchwood Hills, reaching Winnipeg on the 5th September.

On the 28th of September I proceeded to Odanah and inspected the office for that district, taking in the office for the Souris District, at Brandon, *en route*—afterwards going on to Medicine Hat and Calgary. At the latter point, a personal examination was made into many of the claims of squatters in that vicinity. From Calgary I returned to Winnipeg early in the present month, and have remained here since.

Reports on all the foregoing inspections and investigations were forwarded without delay, through you, for the consideration of the Minister.

The work above outlined, together with that in connection with cases submitted to the Land Board and arising therefrom has, as you are aware, kept my time more

fully occupied than in justice either to myself or the efficient working of this branch of the service, it should be.

With this I beg to hand you a schedule showing the work of the various District Land Offices during the past year.

It will be noticed that there is a decrease in the number of homestead entries; of those made last year a large number were wholly speculative, in connection with which the homestead requirements will not be complied with. On the other hand, during 1883, I think 90 per cent. of the entries made have been with the intention of trying fairly to comply with the conditions, out of which, no doubt, a very large percentage will actually do so. During the "boom," in the latter part of 1881, and early in 1882, land in the Turtle Mountain, Souris and Birtle districts was entered wholesale by professional men, mechanics and others, who never had any intention of complying with the law, but thought by having entry, they could acquire some rights and sell out. It was no uncommon thing to see notices posted up offering for sale, for a consideration varying from \$200 to \$1,000, the so-called rights to homestead and pre-emption entry of some half sections, and many dupes were found as purchasers. The idea that the abandonment or assignment of a homestead right confers any benefit on the purchaser, has been pretty well dissipated.

The Land Guide and Intelligence branches of the service here have been well managed and have given good satisfaction.

The Agent has been appointed for the Calgary District, and no doubt the office will be opened there in the spring of next year, so soon as the surveys are completed and returns made.

There will not, I think, be a very great rush for lands in that locality for a year or two. The result of the experimental farms which are being established this year by the Canadian Pacific Railway Company will be watched with very great interest. Should they prove as successful, as there are strong grounds for anticipating, the question of the settlement of that extensive plain will be solved, and if such be accomplished, there will be added to the productive area of the North-West Territories about 40,000,000 acres more than was anticipated three years ago by the persons best informed respecting its agricultural resources.

There seems to be an impression that large areas of the south-eastern portion of the North-West Territories are admirably adapted for sheep pasturage. In this connection it would appear to be worthy of serious consideration that in portions of southern California, Arizona, New Mexico and Colorado, it has been found that in dry years the sheep have eaten off the native grasses so closely that they have not grown again, but have been replaced by weeds or comparatively worthless grasses.

The plentiful supply of fuel in the south-western district of the Territories is one that tends to render it particularly desirable. Nearly the whole country would appear to be underlaid with lignite or coal, and although much of it may be of such a character that it would not bear transport, it is admirably adapted for homestead consumption, and the cost of working it should be very low.

With the prospect in the near future of the Edmonton and Battleford District having railway accommodation, considerable attention will no doubt be directed thereto. As the surveys will shortly be completed, the old settlers' claims can now be fully adjusted.

Ere many months it is confidently hoped that all the old settlers' claims in the Prince Albert District will be finally settled.

A comparison is often made between the Dominion Land Regulations and those of the United States, implying that the former are not so advantageous as the latter. A perusal of the annual reports of the Commissioner of the General Land Office of the United States, will wholly disprove such an idea. In no country in the world, and at no time, has there been so much energy, outlay and labour expended in surveys, as in the North-West Territories during the past three years. Both in the United States and here the surveys must be accomplished before anything can be done towards the settlement of claims. The systems are similar in most respects, and where they differ, the difference is in favour of Canada.

North of the Qu' Appelle river, along the projected line of the Manitoba and Northwestern Railway, there is an immense tract of very fine country, and if that railway is pushed ahead with the energy that is anticipated, next year and the year after no doubt a good deal of attention will be given to the tract by intending settlers.

A long step in the right direction has been taken by the appointment of Homestead Inspectors, and it is confidently expected that their services will prove very valuable in enforcing the homestead conditions.

Speculative squatting has been to a very considerable extent checked. It is within the mark to state that there is not now ten per cent. of what there was two years ago. At the same time a lesson is read to us by the experience south of the boundary line, and the greatest care should be exercised to prevent fraudulent applications for patent. It is a question whether it would not be in the public interest to charge a fee for each application, of such an amount as would cover the cost of an inspection of the land affected by an officer detailed for that purpose.

There is one point with reference to immigration into this country which appears to be lost sight of, and that is the numbers who have come, and are coming, in from Western Dakota, Nebraska, Montana, Idaho and Washington Territory, many having driven in with their own conveyances. I had no idea that there were such numbers of these arrivals until within the past few months, when, making investigation into certain claims preferred, it became necessary for me to ascertain who were and who were not British subjects. I met many persons last season, originally Canadians, who had been living several years in Nebraska. I also know several here who came from Kansas, Iowa and Missouri, who were either Canadians or descendants of Canadians, who had been living many years in those States.

The reports of Mr. Rufus Stevenson, Inspector of Colonization Companies, will show what has been accomplished by them. It may here be remarked that a popular though erroneous idea has prevailed that these companies had the control of the even, as well as the odd-numbered sections. A perusal of the agreements between the companies and the Government will, however, disabuse the mind of any one of that idea. With a few exceptions, the companies referred to are loyally endeavouring to carry out their contracts, and it may be anticipated that next spring all will fall into line in this respect.

Between Lakes Winnipeg and Manitoba, and between the latter and Duck Mountains, there is a large tract of country very suitable for stock farming and mixed husbandry. The character of the tract is alternately ridges and hay swamps, the ridges being, in some cases, rather gravelly and covered with timber, chiefly poplar. The swamps are generally well suited for producing hay, and many more might be rendered so by a little ditching and cutting out of willows. There is any amount of timber for building purposes and fuel, and on almost every quarter-section is land that would at once produce sufficient vegetables for use on the farm. To persons who desire mixed husbandry and have sufficient capital to purchase two or three cows, a few sheep and poultry, and a pig or two, there is here, I think, a better chance than on the open prairie to the west. It has often struck me as strange that more attention has not been given to this district. An intense desire to go as far west as possible appears to rule in the minds of the majority of immigrants; but within the past few months more interest appears to have been taken in the district referred to. It may not be out of place here to state that for many years the Hudson Bay Company successfully conducted a large stock farm on Lake Manitoba, about eighteen miles north-west of Oak Point.

There is no disguising the fact that the country is passing through a "hard times" phase of its existence; at the same time, probably 80 per cent. of the depression is caused by the reaction from the abnormal excitement known as the "land boom," which raged during the last six months of 1881 and the first four or five months of 1882. Transactions are now, however, assuming a healthy basis, and we may confidently look forward to much better times in the near future.

The construction of railways will act as a great factor towards this result.

I have the honour to be, Sir,

Your obedient servant,

WM. PEARCE,

*Inspector of Dominion Lands Agencies.*

A. WALSH, Esq.,

Commissioner of Dominion Lands, Winnipeg.

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### COLONIZATION COMPANIES.

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#### EXTRACTS FROM THE REPORTS OF MR. RUFUS STEPHENSON, INSPECTOR OF COLONIZATION SOCIETIES.

##### *The Primitive Methodist Colonization Company.*

WINNIPEG, 14th September, 1883.

The Rev. C. S. Willis, the resident agent for the company, with whom I stopped while in the colony, accompanied me over the various sections. I found the number of *bond fide* occupants of lands on the tract to be ninety-one (91), all of whom appeared to be earnestly striving to make comfortable homes for themselves and their families. Nearly all of them have made substantial improvements, but in consequence of the late date of their location, the acreage under crop is not very large, though the promise for next year is most favourable. These settlers are mainly from England, and prove to be a valuable class for the country; nearly all of them have had practical experience in farming operations in their native land, which enables them to progress in a greater ratio than others with less experience could do. Altogether, the colony appeared to be progressing very satisfactorily. The land allotted to this company is of excellent quality.

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##### *The Qu'Appelle Land Company.*

WINNIPEG, 2nd August, 1883.

Upon visiting the tract allotted to this company, I found a large number of settlers located, considering the short period the company had been in operation, many of them came from the Provinces of Ontario, New Brunswick and Nova Scotia. Good work has been done by them, considering the short time they have been located and the difficulties incident to getting stock and supplies over territory some distance from railway communication. The total number of settlers duly entered is eighty-eight, nearly all of whom were located during the months of June and July, 1883.

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##### *The Touchwood-Qu'Appelle Land and Colonization Company.*

WINNIPEG, 12th September, 1883.

The number of settlers in this allotment, actually enumerated, was seventy-seven, the entries covering a period extending from the 26th of April until the 17th of August, the greater proportion of these being in May and June, there being four in July and twelve in August.

The settlers all appear to be well pleased with their location and prospects. The quantity of land broken and in crop was very considerable, and active steps were being taken to provide for winter by the erection of houses, cutting hay for stock, &c.

There are a number of other settlers on this tract who have not yet perfected their entries. These I submit to show the full work at present performed, as well as giving an index of a portion of the work in prospect.

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*The Dominion Lands Colonization Company.*

WINNIPEG, 13th September, 1883.

The tract allotted to this company is situate east and north-east of the Touchwood-Qu'Appelle Land and Colonization Company's allotment, and the quality of the soil and general character of the land are very similar to the lands taken up by other companies in this section of the North-West Territories, being park-like in appearance, with a fair supply of wood for fuel purposes. There are frequent small ponds or lakelets, and well water can be procured at a moderate depth for drinking purposes.

The number of settlers, as accurately as I could ascertain them on the company's books, was seventy-four. However, additional names appear to have been entered in the land agent's books at Regina, as will be seen noted in the return; also it was claimed by the resident manager for the company at Fort Qu'Appelle, that fifteen other settlers were on the land ready to make their entries, but these not having been made, and not finding them in actual residence on the sections specified, I have not included them in the enumeration.

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*The Fertile Belt Colonization Company.*

WINNIPEG, 10th September, 1883.

This company has been but recently organized; indeed it can hardly be said to be in thorough working order even now. Earnest efforts, however, are being made for future operations, and possibly yet, before the close of the present season, a considerable number of settlers may be located on the territory allotted to them.

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*The Saskatchewan Land and Homestead Company.*

WINNIPEG, 30th October, 1883.

The lands at present being actively colonized by this company, are situate in the vicinity of Crescent and Leech Lakes, being township 23 in ranges 3 and 4, and township 26, in range 2, all west of the 2nd meridian, and are for the most part of good quality for small farming, there being a fair supply of timber for building and fuel purposes, and plenty of excellent hay land. In many parts these townships are somewhat scrubby, but the land, as indicated by a plentiful growth of pea-vine, and vegetation generally, proves to be good, arable soil. The colony has been settled wholly this year, 1883, and as may naturally be supposed, the number of settlers located has not been as large as upon some others already referred to. A large proportion of those who have taken up homesteads and pre-emptions in these townships are Englishmen, who have but recently arrived in Canada from the Mother Country, but with the encouragement afforded them by the company, they generally appear to be in a prosperous and contented position, and no doubt with another fair season, will give a good account of themselves as pioneers in the great North-West. The total number of settlers up to the time of my departure from the colony, October 2nd, 1883, was forty-four.

The remaining townships allotted to this company have as yet no settlers whom it was the desire of the Managing Director should be enumerated during the

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present year, inasmuch as he had not, up to the time I visited the colony, perfected arrangements for the taking of entries therein.

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*The Montreal and Western Land Company.*

WINNIPEG, 31st October, 1883.

The total number of entries in the tract allotted to this company is forty-six, of which six were made since the 1st July, 1883. Besides the forty-six, there were six who had interim receipts, and four who have purchased four quarter-sections of four odd-numbered sections; the sales were made, viz: one on the 1st June, one on June 4th, one on May 24th, and one on July 19th, all in 1883. Six have made no improvements, are non-resident, and it appears to me are open for cancellation. Other entries where no improvements were found were made very recently, and the six months allowed after entry had not expired. These later entries seem to be *bond fide*, as in several cases I ascertained that the settlers had gone east for their families or for stock and implements. Altogether the settlement, although not comprising as many settlers, numerically, as some other colonies, presented a prosperous appearance. The general character of the land in this colony is excellent, very similar to the land in the other colonies already reported upon.

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*Shell River Colonization Company.*

WINNIPEG, 2nd November, 1883.

The total number of settlers in the tract allotted to this company is fifty-one. The improvements made by the settlers are very extensive, and speak well as to the general thrift of the colony and the excellent quality of the land. The settlers appear to be well contented with the climate and the productiveness of the soil. Shell River, a splendid running stream of excellent water, affords not only good drainage but ample and never failing water power for milling and general uses. By this channel saw logs are easily and cheaply procured from the country around Duek Mountain, and manufactured and sold at reasonable figures, which is a great consideration to the inhabitants of the Shell River District. For some length of time past the company have had a portable steam saw mill in active operation, but now a substantial new mill dam has been erected in the town site of Asessippi, and in a few months later a gristing and saw-mill, with power quite ample for the necessities of the neighbourhood, will be in active operation, one turbine wheel of forty-horse power being already in place, and a foundation has been laid for the setting of two additional wheels, each of similar capacity. In connection with this colony there is a store well stocked with all the staple articles, dry goods, groceries, and hardware, requisite for the colonists, who are supplied with these at as low a price, and in some cases at even lower prices, than the same quality of goods are obtainable at many of the points further south. A blacksmith's shop has also been put up and is doing a good business. Thus it will be seen that the company, while primarily studying their own interests, have not been unmindful of the interests of those who have been induced to settle upon their lands; for besides giving remunerative employment to many of them who have not teams of their own, those who have teams are frequently engaged in freighting goods, &c., from the Canadian Pacific Railway, and will continue to be so engaged until the construction of the projected line of railway, which is regarded as probable to be built, in the very near future, through this section north-westerly and south-easterly.

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*The Scottish Ontario and Manitoba Land Company.*

WINNIPEG, 5th November, 1883.

The townships allotted to this company are as follows, viz.:—Townships 19 and 20 in range 28, the north half of township 15, and the south half of township 16, in range 25, all west of the 1st meridian. They are admirably located for settlement, and well supplied with water and wood for fuel, and a moderate quantity suitable for building purposes. Nearly all the settlers have made extensive and valuable improvements, evidencing a determination to make homes for themselves and their families. The total number of entries is ninety-four.

The improvements and cash outlay by the company are very large, and the buildings erected are of a most substantial, modern, and permanent character. To convey somewhat of an accurate idea of the rapid development of this colony in this connection, I need not do more than mention the fact that last year (1882) the Company's breaking only amounted to about twelve acres of land; this year buildings to the approximated value of \$22,500 have been erected, enumerated as follows, viz.:—

On section 35, township 19, range 29 :—

	Cost.
Farm house, 20 x 30 x 20 - - - - -	\$3,000 00
Two small tenements - - - - -	800 00
Bank barn, 40 x 50 - - - - -	1,500 00
Bank barn, 50 x 217 - - - - -	8,000 00
Implement shed, 30 x 80 - - - - -	600 00
Piggery, 16 x 48 - - - - -	250 00
Hennery, 12 x 20 - - - - -	150 00
Blacksmith's shop, 20 x 20 - - - - -	250 00
General store and hotel combined - - - - -	5,000 00
Hall or church - - - - -	800 00
On section 35, township 15, range 25 :	
Farm house - - - - -	1,500 00
Barn - - - - -	650 00
Total - - - - -	\$22,500 00

Besides this, the company have 500 acres broken and backset for their own use and benefit on the two sections above mentioned, a fair crop during the present year was harvested, considering it was sown on first breaking, and at a late period of the season. Neither should I omit to state that in the way of live stock, all of a superior class, as established by the premiums awarded at the local fairs. They have—

5 thoroughbred bulls,  
 11 do cows,  
 100 grade cows,  
 28 working cattle,  
 20 horses,  
 40 hogs,

and implements and machinery to the value of about \$10,000, besides other chattels and plant of considerable worth. The buildings are framed and constructed in first-class style, planed weather boards, painted and otherwise complete.

*The York Farmers' Colonization Company.*

WINNIPEG, 13th November, 1883.

The lands allotted to this company consist of townships 22 and 23, in range 2; township 26, in ranges 4 and 5; township 27, in ranges 2 and 3; and townships 25

and 26, in range 3, all west of the 2nd meridian. The quality of the land is for the most part very good, being principally rich black loam with clay subsoil, with occasional bluffs well supplied with timber fit for fuel, and in some cases large enough for building purposes. Through the colony runs the White Sand River, which for a distance of about forty rods in the vicinity of the new town site of Yorkton, has by actual survey a descent of twenty-five and a-half feet. Near this point it is proposed to erect a steam and water mill for sawing and gristing purposes, to supply the wants of the settlers and the surrounding neighbourhood. The total number of settlers, who have regularly made *bond fide* entries with the agent of this colony, is 158, all of which, with the exception of less than a dozen, have been made during the season of 1883. But beside this, it should be remarked that a large number of "memorandum" entries have been made, which will no doubt be fully perfected in a very short time, as in many cases the fees have been actually paid, though the required affidavits have not been formally taken. Altogether the colony is very prosperous; were there any doubt on this point, an examination of lands already cropped, and lands broken and backset preparatory to next spring's sowing and planting, I think would satisfy the most incredulous as to the correctness of my statement. To effect this, a large amount of money has been expended by the directorate of the company in the way of cash advances to settlers; giving them employment in freighting from the line of the Canadian Pacific Railway, which is located at a distance of some sixty-five or seventy miles to the south, the improvement of the trail; the establishing and maintaining a ferry across the Qu'Appelle River; paying guides and agents at Whitewood Station, as well as other agents on the lands of the company; breaking, purchasing machinery at the cost of several thousand dollars for the mill already mentioned, erecting buildings, establishing and maintaining postal facilities, printing pamphlets, advertising, &c., &c. I received the most satisfactory assurance from the settlers as to the way in which they had been dealt with in all matters relating to their present and prospective welfare, and in no case were complaints indulged in by those I had occasion to converse with, but all seemed contented, and hopeful of good prospects in the near future. Many of the settlers were experienced farmers from Ontario, others were the sons of well-to-do residents of other parts of the Dominion and the Old Country.

Mr. Armstrong, the Managing Director of the Company, informed me that it was the intention of the company, as soon as the town plot survey was completed (it was in progress during my visit to the colony), to make a free deed to each *bond fide* settler in the colony, of a building lot, 50 feet front by 140 feet in depth, the conveyance to be perfected when the settler had completed his homesteading obligations as required by law. I have not embodied in my report the names of persons who have made what is termed "memorandum" entries, for the reason that as these entries had not been perfected at the time of my visit, I had no positive assurance that they would be fulfilled within the limit and under the terms prescribed in the agreement between the Government and the company, but in my own mind, I have little doubt that the greater number of them will eventually perform all in this respect that it will be necessary to exact from them.

J. C. Morrow, J. W. G. Armytage, and John Beattie.

WINNIPEG, 12th November, 1883.

The tract allotted to this company is composed of township 29, in range 15 west of the 2nd meridian. The total number of settlers entered up to this date is twenty-three.

*The Edmonton and Saskatchewan Land Company of Canada.*

WINNIPEG, 14th November, 1883.

To this company are allotted townships 53 and 54, in range 23; and townships 53, 54, 56 and 57, in range 24, all west of the 4th meridian. I was informed by Mr. W. B. Scarth, at Regina, that an enumeration of settlers on these lands was not required by the company for the present year.

As I have pretty fully detailed all the more important facts relating to these companies in the separate reports I have already furnished respecting them, I will here add nothing further than to remark that in my opinion they have, on the whole, done excellent colonizing work, and have been directly instrumental in adding largely to the development and settlement of the North-West, and that the promises for the future in the same direction are exceedingly hopeful.

## THE BELL FARM.

DOMINION LANDS OFFICE,  
REGINA, 22nd December, 1883.

SIR,—I have the honour to submit the following report of the operations, and their results, of the Qu'Appelle Valley Farming Company, on the tract allotted to them under authority of the Order in Council dated the 3rd April, 1882.

The selection of the land was completed early in the spring of 1882, but no action was taken by the Company towards preparing the soil for cultivation until the 17th June. From this date breaking was continuously carried on during the summer and autumn. On the 6th November, when the frost prevented further work of this nature, 2,400 acres were ready for harrowing. This breaking was done by contract, as the prompt action necessary on the part of the Company to comply with the conditions of their grant did not admit of procuring sufficient stock and material of their own with which to undertake the first season's work.

In the summer of 1882, dwellings, stables, storehouses and sheds requisite for the accommodation of labourers, stock and implements were erected and, so far as practicable, every arrangement that would facilitate the early commencement of work in the spring was perfected.

On the 1st of April, 1883, a number of labourers and their families, seventy-three horses, and several car loads of implements and machinery arrived at the farm, and on the 9th of the same month, almost before the snow had disappeared, harrowing the sod began. On the 14th April seeding was started. The seed was put into perfectly wet ground, in some places so wet that small pools had formed. In dry seasons, such as the past one, the advantage of seeding while the earth is in a saturated condition is apparent in the more advanced state of growth of the crop so planted than of that planted at a later period. Six days after seeding the wheat appeared above ground, but owing to a long spell of dry weather, made very little headway before the middle of June. About this time the first and only rain shower of any account fell, and brought the grain well up. The rain was followed by a continual period of cold dry weather, which delayed harvest several weeks beyond the usual time, and it was not until the 27th of August that grain cutting commenced.

In threshing, the grain is carried, by means of an elevator attachment on the thresher, from the spout of the machine to portable granaries placed in the centre of each field after harvest, and is there stored until fall ploughing is finished, when the granaries are drawn to the storehouse. By this system, an estimated saving of five cents per bushel in handling and carting the crop is effected.

Of the area cropped during the past season, 1,300 acres were in wheat, 1,000 acres in oats, and 200 acres in potatoes, roots, &c.

Twenty three thousand and twenty bushels of wheat were grown. Of this 21,720 bushels were of the finest quality, and average about two pounds per bushel above the standard weight. The balance, 1,300 bushels, was slightly frost bitten, though not materially injured for milling purposes. The seed from which this was raised was sown on 1st May, too late to obtain a wet start, and to this cause is attributed the damage from frost. The cost of production is placed at 42 cents per bushel.

The oat crop was of good quality, but, owing to late sowing and the dry season, the return per acre was poor. The yield was 18,000 bushels.

The roots and potatoes were very fine.

The force at work, when I visited the farm in the month of June, consisted of 82 men and 100 horses. This force was chiefly engaged in breaking up new land, and between fifty and sixty acres were daily broken. Twenty-seven cottages had been erected on various parts of the tract. Of these twenty-two were occupied by married labourers and their families. Tenants for the remaining five, which were not quite finished, were prepared to take possession as soon as the cottages were ready for occupation. Many of these labourers I found to be old country people, principally English.

The buildings now on the tract number 106. 7,000 acres have been broken ready for cultivation in the spring. Tree planting has also, to some extent, been done. The trees appear to be doing well.

Before closing this report, it may be well to give a short summary of the system on which the farm work has been carried out.

The sections are divided into three equal portions of 213 acres. On each of these divisions a cottage, stable and granary are erected, and a farmer placed in charge thereof. The following outfit, allotted to each farmer, consists of three horses, a sulky, plough, wagon, and self-binder.

This force is not sufficient to cultivate the whole 213 acres every year, yet any additions to it would unduly increase the cost of production. To obtain the best results from the land, it has been found necessary to divide every farm into three parts, two-thirds of which are cropped each year, and one-third is summer fallowed. By this method the whole is given a rest every three years, and the danger of working out the soil is obviated. An immediate benefit arises from thoroughly cultivating a portion of the land, inasmuch as the yield is larger than were the whole farm to be indifferently tilled.

Seeding over, the farmer proceeds to prepare for next season that portion of his farm not in crop. When this is finished, the grain is ready for harvesting. In harvest time, two labourers for each farmer are added to the working force, for the purpose of shocking up the grain, as it is cut by the self-binder. This operation takes about ten days. The extra hands are then transferred to a threshing machine gang. One machine does the work for every four farms, the working forces of which are combined to assist in the threshing of their respective crops. His grain threshed and stored in his granary, the farmer sets about preparing for spring seeding one-half of the area from which he has raised crop. This, with the portion ploughed between seed-time and harvest, makes up the quantity required for the ensuing season's operations.

I have the honour to be, Sir,

Your obedient servant,

J. McD. GORDON,

*Agent, Dominion Lands.*

The Deputy of The Minister of the Interior.

Ottawa.

## THE DUFFERIN MENNONITE RESERVE.

DEPARTMENT OF THE INTERIOR,

OTTAWA, 14th December, 1883.

SIR,—As instructed, I beg to submit for your perusal a few remarks on the Dufferin Mennonite Reserve.

This Reserve lies immediately north of the International boundary line, between the Red River on the east and the Pembina Mountains on the west. It consists of a stretch of prairie, about thirty-six miles from east to west and eighteen from south to north, almost entirely destitute of wood, but unsurpassed in fertility, and, as you will remember, began to be settled in 1875, principally by the poorer class of Mennonites, who were aided in so settling by the Government, the loan being made on their behalf to their countrymen in the County of Waterloo, Ontario.

In consequence of the scarcity of wood, the first settlements were formed along the boundary line, where access could be had to the timber on the Pembina River, on the American side of the line, where a few quarter-sections of timber lands were purchased to meet the first wants of the settlers along the western limit of the Reserve, from where wood on the Pembina Mountains, on our own side of the line, could be reached; but as new importations from Russia came in, villages were formed to the north and east, until now nearly the whole Reserve is settled.

During the first few years, the area of land under cultivation was not large, as a great deal of the time of the settlers had to be devoted to erecting buildings for themselves and their stock, which was no slight task, as some of the timber had to be hauled from 20 to 25 miles, and any lumber, doors or windows needed, from 20 to 40 miles, and this with oxen.

The first year's crop was more or less injured by grasshoppers, and two or three subsequent crops by excessive rain fall; yet, in the face of these and many other drawbacks, they persevered, and have now fifty-four villages, with a population of about 6,000 souls. They have built roads and bridges throughout their territory, and to-day have an area of over 50,000 acres under cultivation, with a grain crop, this year, of upwards of 1,000,000 bushels.

There are about 1,200 homestead entries for lands in this Reserve, and some 700 of the homesteaders have already become naturalized, and applied for their patents during the last twelve months. Nearly all these patents have been issued, and the few that have not been, are in course of preparation.

The Mennonite system of settling in villages has some advantages, particularly while the country is new, but time renders most of them nugatory. The plan is, for a certain number, say twenty, to join together, under the direction of their leaders, for the purpose of starting a "Dorf." The land being selected, comprising, say 160 acres for each one entitled to enter a homestead, a site for the village or buildings is chosen as near the centre of the "Dorf" as possible, without regard to the question of who may be the individual owner of the land, and about two acres in the village is allotted to each person on which to erect houses and stables, and make a garden. The balance of the tract is then divided into three portions—land for cultivation, land for hay cutting, and land for grazing. In this manner all the territory appurtenant to the "Dorf" is utilized.

The land for ploughing and hay cutting is sub-divided into long narrow strips, and the "Schultz" or headman of the village gives to each villager the strip of land he is to cultivate, and the strip upon which he is to cut hay, with both of which he has to be satisfied.

The cattle of the village are herded in common.

This is very well while the country is new, for they can assist each other more effectively in building, &c., when close together, than when apart; they can have the benefit of their schools and churches at less inconvenience for the time being; they are not put to the expense of building fences or herding their cattle separately; and they can go in bodies, without risk, to the woods for their fuel,

whereas if each went alone across the prairie, there would be more or less danger of suffering from exposure during the first winter's existence of the settlements. But as roads are built, as fuel gets cheaper and wire fencing begins to be generally used, these advantages disappear, and the disadvantages of the system become apparent. The fact that they are all bound to submit to the direction of the "Schultz," that they are compelled to accept the strips of land apportioned to them, whether their neighbours on either side are poor farmers, who allow their ploughed lands to grow up in weeds or the reverse, and that the quantity of land is limited to this strip, without regard to the means, the industry, or the economy of the village, more than counterbalances the advantages referred to. I think it very probable that in the near future the villages will be erected along the lines of railroads now running through the reserve, and that the majority of those settlers will be living each on his own homestead.

The worst feature of the Mennonite system is that it has a tendency to keep them isolated and to prevent them from acquiring the language of the country. Time will, of course, rectify this, but the sooner each one gets on his own farm, the sooner will the existing exclusiveness and isolation come to an end.

I have the honour to be, Sir,  
Your obedient servant,

GEO. NEWCOMB,  
*Agent, Department of the Interior.*

The Deputy of the  
Minister of the Interior.

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### THE ICELANDIC RESERVE.

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DEPARTMENT OF THE INTERIOR,  
OTTAWA, December 8th, 1883.

SIR,—I have the honour to report that according to verbal instructions received from you, I started on the 17th August for the Icelandic Reserve on Lake Winnipeg, fully prepared to give entries, receive applications for patents, and otherwise to settle any difficulties that might have arisen from the length of time these people had been on the land without having their homesteads properly recorded.

Upon my arrival at Winnipeg, I reported to Mr. Commissioner Walsh for any further instructions he might consider necessary.

I arrived at Icelandic River, which at present has the largest settlement in the reserve, on 2nd September. This river, formerly called the "White Mud," runs diagonally across Township 23, Range 4 east of 1st Meridian, from the south-west to the north, emptying into the Sandy Bar Bay.

The banks, where there are any in this township are low, and are liable to overflow every high north wind, as the river has no current here, but rises and falls with the lake. As a consequence, the hay of the settlers is often destroyed by the sudden backing up of the water.

The reserve consists of wooded prairie, with occasional swamp,—the wood being principally poplar, interspersed with spruce, with some elm and oak in the southern portion. The land when cleared is fairly good, particularly in the south, the northern part having a colder sub-soil and less depth of loam.

The settlers have generally one to ten acres cleared, no grain crops, but all have a garden patch of varying size. They do not profess to grow grain, the clearings that are not required for gardens being sown with grass seed. Their ambition appears to be to raise cattle and sheep; at any rate it would be inadvisable for them

to grow grain on any considerable scale at present, as they are so far away from a market.

In the centre of this settlement on Icelandic River, is the saw mill of Messrs. Fredriksson, Jonasson & Co, which, as it gives work to a number of people, has no doubt assisted in retaining the settlers in this neighbourhood. The members of this firm are, as their names indicate, all Icelandic colonists.

Upon making known my business to the settlers, they objected to recording their entries until such time as they would be informed whether they were expected to re-pay the full advances made to them by the Department of Agriculture, or only a proportion, and if the latter, what proportion.

Not being in a position at that time to give them the desired information, I informed them that the question of their indebtedness was not at issue, and so far as the Department which I had the honour to represent was concerned, had nothing to do with their recording their entries; and after some discussion, the greater portion of them came forward and made the necessary application.

On Monday, September the 10th, I started with two men and a skiff to make a tour of Big Island, going north through the "Grassy Narrows," up the west side of the Island, and returning by the east and south sides. On the north-east corner of the island, at Mr. Buchannan's mill, I found Mr. Wagner, D. L. S., and his party. He informed me that he had just finished the survey of the Big Island.

I would beg permission here to state that the names of Big Island and Big Black Island, as they appear on our maps and documents, do not agree with the local appellations,—that is to say, the Eastern Island has been called for generations "Big Black Island," and the western one, "Big Island." On our maps the names are transposed.

I found very few Icelandic settlers on the island, not more than a dozen families, although judging from the number of empty houses (I counted sixteen in one stretch), it must have had quite a large population at one time. On my return journey towards Winnipeg, I met a number of families who had been living in the city for the past two years returning to their old homes on the island, so I suppose a number of the empty houses are again occupied before now.

In a bay in the south-east corner of township 25, rang 6 east of the 1st Meridian, a dispute has arisen between one Thomas Halero and some fishermen, regarding the site of the old mill of Messrs. Fuller & Co. Halero, it appears, first settled there about eleven years ago as an employee of Fuller & Co., but as neither he nor the principal opposing claimant were at home, I am not quite positive as to facts. As near as I could learn, however, Halero was in the employ of the mill company for some years, and when the connection with the company was severed, he claimed a portion of the land he had cleared, while in their employ, and upon which he has a house. As I cannot think that at that time he would have claimed the land upon which the mill was built, his claim then would have naturally been on the south side, where his house was. Afterwards, however, when the mill was removed, he extended his claim to the north, so that it would embrace the balance of the land cleared by himself and other mill hands employed by the company, but prior to the removal of the mill, one of the then owners, Shore by name, stated that he claimed the land by virtue of the mill having been on it so long, and through him the fishermen claim, although they state that they only want the small piece usually allowed as *shore frontage* for fishing purposes.

Off the north-west part of the Big Island, is a small one called Goose Island containing, I should say, about 150 or 200 acres, and upon which there is one settler.

Returning from the Big Island, I finished my work at Icelandic River, and thence proceeding southward, I visited, with an interpreter, the settlers along Sandy Bar, Drunken River and Gimli, altogether granting 85 entries.

From what I could learn, I am of the opinion that at one time there were about 300 families on the reserve, but from the overflowing of the lake shore, small-pox trouble and other causes, a large number left. A few went to the United States, about

50 heads of families took up homesteads in the Tiger Hills country (Southern Manitoba), and the remainder are living in Winnipeg and other towns along the line of the Canadian Pacific Railway, while five or six families have settled on the east side of Lake Winnipeg. Of those in the towns, the majority will probably become homesteaders ere long, either in the reserve or west of Winnipeg.

Of those who went to the States, a large percentage will probably find their way back to us, now that the lake has returned to its proper level. In fact, some of them came back for good while I was on the reserve.

When the large body settled in 1875 and 1876, they, as is unfortunately usual in cases of this kind, chose their land by lot, and, as a consequence, some got good, while others got very poor claims; and also when the survey was completed, many found that they had not the land they expected. Naturally then, when any of those dissatisfied left, who had been holding good claims, the neighbors on poorer lots, who were determined to live in the country if possible, took possession of the deserted lots.

As the improvements in these cases were very slight, I acknowledged the changes as right and just for the reasons: First, that as Icelanders are allowed to live in their villages along the lake shore, for the fishing, &c., and it is not necessary for them to live each on a particular quarter section, to entitle them to patent, it is immaterial what lots they claimed prior to the date of their entries; secondly, those of the dissatisfied who went to the United States abandoned any claims which they may have had to the land, and are not entitled to consideration, and if they do return, they must come in as new settlers; and thirdly, those who went to South-western Manitoba, having made homestead entries there, cannot claim lands they had previously chosen on the reserve, no matter how many years they may have resided therein, for the reason, that to establish their claim to patent, they must first make entries for the land, which they cannot do, as no person can hold two homestead entries at the same time.

As a whole, the settlement of the Icelanders on the reserve has not been an unqualified success in so far as improvements are concerned, yet when the trials and difficulties which these people have undergone are taken into consideration, together with the fact that in clearing the land they would have had to waste the wood, and when cleared, the land would for a time have to lie idle, as they had no means of threshing, milling or marketing any grain they might raise, it is not a matter of surprise that the cultivated area is not greater.

There are now about 100 families firmly established in the reserve, spread over a shore frontage of about 50 miles, and these form a nucleus about which future Icelandic immigrants can gather. I therefore would not recommend that the reserve be thrown open, as I am satisfied that these people will make good Canadians. They are a little slow in getting ahead, as they have, as a rule, large families; but they are apt at learning, and acquire the art of speaking the English language more quickly than any other foreign settlers we have yet received; and now that we have the two permanent settlements so well established, I feel certain that each year will bring a large increase of people from old Iceland. The poorer of these new-comers will go on the reserve, where the families can have fuel and fish, while the men are working out to make money to give them a start. Some will probably take homesteads in the reserve; the others will remain there until they acquire a slight knowledge of the language and ways of the country, and a few head of cattle, when they will more than likely move west and become valuable pioneers in the Peace River country, or in that direction.

The people of this colony are assisting immigration in every way by sending money to pay the passage of their friends in Iceland, by caring for the immigrants when they land, giving them tools, boats, nets, &c., &c., and generally the means of becoming self-supporting. They are therefore, really paying back the advances made to them by the Government, in assisting their fellow-countrymen to come to Canada, which was the purpose for which the money was first advanced, and this demand upon them is liable to be kept up for any number of years. Of the number



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of new arrivals from Iceland this year, I should say, judging from the number going to Gimli on the same boat with myself, that at least fifty of the new families have gone on the Reserve, and as the majority of these are the poorest people, many of them, to my own knowledge, not having a dollar in money or a tool of any kind to commence their new life with, they must, of necessity, be supported and started by these old settlers who had previously been assisted by the Department of Agriculture.

I have the honour to be, Sir,

Your obedient servant,

GEO. NEWCOMB.

*Agent, Department of the Interior.*

A. M. BURGESS, Esq.,  
Deputy of the Minister of the Interior,  
Ottawa.

APPENDIX A.

STATEMENT of Entries, affecting Dominion Lands, which were made during the Year commencing 1st November, 1882 and ending 31st October, 1883.

Office.	Homesteads.		Pre-emptions.		Sales.		Hudson Bay Co.		Special Grants.		Total Entries.				General Office Work.				Returns.	
	No.	Area in Acres.	Area in Acres.	Area in Acres.	Area in Acres.	Area in Acres.	Area in Acres.	Area in Acres.	Area in Acres.	O	N	Area in Acres.	Area in Acres.	Letters.		Circulars.		Cancellations.		
														Rec'd.	Sent.	Rec'd.	Sent.	Home & Pre-emption.		
Head Office, Menonite do Icelandic.....	462 78	73,920 12,157	4	560			2	13,853	18	6,211	564	106,701	27,186	25,890						*63
Winnipeg.....	293	46,880	102	16,320	140	22,212					635	85,412	1,916	2,018	50	780			H. 133 P. 155	
Dufferin.....	168	26,880	109	17,440	212	30,919					489	75,239	1,827	2,089	44				H. 148 P. 18	
Gladstone.....	100	16,000	52	8,320	43	7,020					195	31,340							H. 83 P. 26	
Little Saskatchewan.....	179	28,640	67	10,720	198	33,236					444	72,656	1,093	2,225	54				H. 95 P. 28	
Birtle.....	798	127,680	593	94,880	125	39,652					1,516	262,212	1,190	1,215	45				H. 172 P. 13	
Souris.....	724	115,840	579	92,640	129	25,782					1,432	234,262	2,443	2,856	41				H. 371 P. 36	
Turtle Mountain.....	223	35,680	203	32,480	51	13,534					477	81,694	1,860	2,047	32				H. 51 P. 46	
Regina.....	2,268	362,880	1,843	294,880	84	19,783					4,195	677,543	3,068	2,526	55	16			H. 51 P. 32	
Prince Albert.....	106	15,960	73	11,680	40	8,025					219	36,665	418	563	49				H. 51 P. 12	
Primitive-Methodist Colo- nization Co.....	166	26,560	93	14,880							259	41,440								
Dominion Lands Coloniza- tion Co.....	79	13,640	48	7,680							127	21,320								
Dundee Land Investment Co.....	11	1,760	11	1,760							22	3,520								
Montreal & Western Land Co.....	45	7,680	46	7,360							94	15,040								
Touchwood Ou'Appelle Colonization Co.....	52	8,320	47	7,520							99	15,840								
York Farmers' Coloniza- tion Co.....	170	27,200	148	23,680							318	50,880								
Saskatchewan Land and Homestead Co.....	30	4,800	12	1,920	12	1,920					54	8,640								



**APPENDIX B.**

ABSTRACT of Letters Patent issued from the Department of the Interior, covering lands in Manitoba and the North-West Territories, between 1st November, 1882, and 31st October, 1883.

Nature of Grants.	1882-83.		1881-82.	
	No of Patents.	Area in Acres.	No. of Patents.	Area in Acres.
Homesteads.....	1,818	292,715	404	63,997
Sales.....	2,000	437,366	1,021	269,179
Half Breed Allotments.....	200	48,000	363	87,120
Military Bounty Grants.....	9	1,440	11	1,760
North-West Mounted Police Grants.....	21	3,360	44	7,122
Grants under Manitoba Act.....	182	23,188	238	40,230
Commutation of right of Common, &c.....	96	6,606	84	7,267
Special Grants.....	13	4,813	5	1,640
Hudson's Bay Company Grants.....	2	13,853	27	38,100
<b>Totals.....</b>	<b>4,341</b>	<b>831,341</b>	<b>2,197</b>	<b>506,785</b>

**APPENDIX C.**

MEMORANDUM showing Registration Districts to which list of Patents issued during Year ending 31st December, 1882, have been sent, in accordance with the provisions of the 78th Section of the Act 46 Vic., Cap. 17.

Registration Divisions.	Six months ending 30th June, 1882.		Six months ending 31st Dec., 1882.		Totals.	
	No.	Sheets.	No.	Sheets.	No.	Sheets.
Manchester.....	1	13	1	13	2	26
Lorette.....	1	10	1	9	2	19
Rockwood.....	1	5	1	8	2	13
Dufferin.....	1	14	1	13	2	27
Portage la Prairie.....	1	23	1	20	2	43
Hamilton.....	1	14	1	24	2	38
Rick Lake.....	1	8	1	11	2	19
Norfolk.....	1	7	1	11	2	18
Brandon.....	1	4	1	9	2	13
Turtle Mountain & Souris River.....	1	4		*	1	4
Shoal Lake.....	2	14	1	34	3	48
Minnedosa.....	1	10	1	21	2	31
Westbourne.....	1	10		*	1	10
Morris.....	1	12	1	12	2	24
Provencher.....	1	6	1	8	2	14
Selkirk.....	1	21	1	21	2	42
Marquette East.....	1	30	1	29	2	59
Lisgar.....	1	9	1	8	2	17
					35	465
Special Returns to Registrars of Lands patented to the Hudson's Bay Company, being reserves under deed of surrender at certain trading posts.....					28	53
					63	518

\*Notice of changes in boundaries of these Districts received ; particulars not yet to hand.

## DEPARTMENT OF THE INTERIOR,

ACCOUNTANT'S OFFICE, OTTAWA, 2nd January, 1883.

*Re* "DEPARTMENTAL REPORT FOR 1882-83."

DEAR SIR,—Hereto attached you will please receive for the Departmental Report, a statement of cash receipts on account of Dominion Lands for the Departmental year beginning the 1st November, 1882, and ending 31st October, 1883, showing also the amount of scrip and warrants.

Total cash received	-	-	-	-	-	\$833,925 66
Scrip	-	-	-	-	-	42,923 27
Warrants	-	-	-	-	-	7,200 00
						Total
						\$884,048 93

On the 18th of December last I sent to you, for the Minister's information, an interim statement of cash receipts, amounting to \$833,910.36; I have since then received final reports for the sub-branches of this Department, changing certain amounts from one sub-head of receipts to another. None of the amounts are very large, and the aggregate is the same within a few dollars.

Respectfully submitted,

J. A. PINARD,

*Accountant.*

A. M. BURGESS, Esq.,  
Deputy of the Minister of the Interior,  
Ottawa.

STATEMENT OF RECEIPTS ON ACCOUNT OF DOMINION LANDS, FOR THE YEAR COMMENCING 1st NOVEMBER, 1882, AND ENDED 31st OCTOBER, 1883.

Month.	Homestead Fees	Pre-emptions.	Improvements.	General Sales of Lands.	Timber, Dues, &c.	Rents from Grazing Lands.	Rents from Coal Lands.	Royalty from Stone Quarries.	Sales of Colonization Lands.	Map, Sales, &c.	Office and Registration Fees.	Surveyors' Examination Fees.	Miscellaneous.	Totals.
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
1882.														
November .....	7,785 00	6,925 00	921 00	38,254 27	5,874 18	1,750 00	200 00	33 91	16,384 00	27 75	124 00	.....	.....	77,245 20
December .....	2,300 00	1,750 00	486 00	80,159 31	8,108 72	237 50	.....	.....	.....	17 80	128 75	190 00	.....	93,471 99
1883.														
January .....	1,630 00	1,525 00	1,403 75	32,694 71	8,507 24	40 00	440 00	.....	4,090 80	43 50	233 25	.....	.....	50,608 25
February .....	3,025 00	2,960 00	537 00	18,541 73	5,530 65	4,492 00	.....	.....	18,761 60	17 80	139 50	.....	.....	54,004 88
March .....	4,960 00	2,810 00	1,070 25	38,772 78	2,052 01	2,598 30	.....	.....	11,500 00	17 00	114 55	.....	70 00	63,984 89
April .....	6,590 00	5,520 00	343 50	22,374 47	5,173 81	1,835 00	.....	.....	.....	497 70	117 54	.....	.....	42,452 02
May .....	6,900 00	5,140 00	337 00	35,952 65	9,233 88	755 00	160 00	.....	3,000 00	16 50	155 00	.....	.....	61,660 03
June .....	10,660 00	7,880 00	225 50	43,959 67	6,580 20	3,713 03	40 00	.....	17,464 90	162 01	756 75	700 00	366 42	92,507 88
July .....	3,660 00	2,280 00	79 00	9,864 20	55,899 17	.....	40 00	.....	12,000 00	.....	67 00	.....	.....	83,883 37
August .....	3,290 00	1,950 00	112 50	24,362 43	8,563 06	1,675 01	960 00	.....	3,932 00	.....	247 20	.....	.....	46,068 69
September .....	6,080 00	3,820 00	231 00	20,877 06	6,145 72	140 00	.....	.....	.....	173 00	133 85	.....	.....	37,871 94
October .....	3,927 26	3,126 00	231 00	30,873 92	29,043 63	1,998 00	.....	.....	61,885 63	1 00	96 28	.....	.....	131,176 72
	60,827 26	44,660 00	5,746 50	396,797 20	150,712 27	19,393 83	1,840 00	95 72	149,346 03	973 76	2,306 67	890 00	436 42	833,926 66
Scrip redeemed during the Departmental Year, from 1st November, 1882, to 31st October, 1883.														42,923 27
Warrants (45) do .....														7,200 00
														884,048 93

J. A. PINARD,  
Accountant.

DEPARTMENT OF THE INTERIOR,  
OTTAWA, 2nd January, 1884.

**TIMBER, MINERAL AND GRAZING LANDS.**

DEPARTMENT OF THE INTERIOR,  
TIMBER, MINERAL AND GRAZING LANDS OFFICE,  
OTTAWA, 31st December, 1883.

SIR,—I have the honour to submit the fourth Annual Report of the Timber, Mineral and Grazing Lands Office of the Department of the Interior.

A statement shewing the revenue derived from Crown timber, mineral lands and grazing lands for the departmental year ending 31st October last, is appended hereto, together with the Reports of the Crown Timber Agents at Winnipeg, Edmonton, Calgary and Prince Albert.

During the last year two new Crown Timber agencies have been established, namely, Calgary and Prince Albert: Mr. C. L. Gouin being appointed agent for the former, and Mr. J. D. Waggoner for the latter.

The total amount of dues collected for timber within the Winnipeg Agency amount to \$78,309.77.

The total amount of timber dues collected within the Edmonton Agency, amount to \$3,475.89.

The area of the territory comprised within the latter agency has been reduced, owing to the establishment of the Calgary and Prince Albert Agencies, and the business for the year has been light, the mill owners only sawing enough lumber to satisfy the local demand. This state of affairs will naturally exist until such time as the North Saskatchewan River is tapped by a railway, by which the lumber can be conveyed to the prairie country to the south.

The total amount of dues collected for timber within the Calgary Agency during the year amounts to \$62,426.61.

In the month of July last tenders were received for ten timber berths of fifty square miles each, on the Bow River and its tributaries, and the amount of bonus received therefor aggregated \$49,030, or at the rate of nearly \$100 per square mile.

The total amount of dues collected for timber, from the 26th June last, when the agent actively commenced duty, within the Prince Albert Agency, amounts to of \$1,500. The sums collected prior to that date are included in the statement collections at the Edmonton Agency.

Saw mills returns show the following quantities of building material as having been manufactured during the year:—

Sawn lumber.....	36,704,369
Shingles.....	11,179,033
Laths.....	6,248,827

The following is a statement of correspondence, applications received, and returns examined in the office at headquarters during the year:—

Number of letters received.....	3,835
do letters sent.....	3,860
do timber berths applied for.....	727
do mill sites.....	11
do applications for grazing lands.....	99
do returns from mills received and verified.....	128
do licenses for timber berths drawn.....	34
do of returns of permits received and verified.....	118
do of instructions issued for surveys of timber berths	25
do of returns of surveys of timber berths received	
and examined.....	25
do of returns of surveys of coal locations received	
and examined.....	4
do of leases for grazing lands drawn.....	21

I have the honour to be, Sir, your obedient servant,

G. U. RYLEY,

*Clerk of Timber Mines and Grazing Lands.*

The Deputy of the Minister of the Interior.

STATEMENT of Receipts on account of Timber, Mines, and Grazing Lands, for the Twelve Months ending 31st October, 1883.

Month.	Royalty on Returns on Sales.	Bonus and Ground Rent.	Permits.	Dues and Fines for Trespass.	Miscellaneous.	Total.	Royalty on Stone Quarried.	Mines.	Grazing Lands.	Grand Total Timber, Mines and Grazing.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>1882.</b>										
November .....	2,812 93	1,071 50	1,763 94	217 30	8 51	5,874 18	.....	200 00	1,750 00	.....
December.....	777 66	6,536 61	69 75	724 70	.....	8,108 72	33 91	.....	297 50	.....
<b>1883.</b>										
January .....	1,799 25	2,790 00	3,771 49	145 40	.....	8,607 24	.....	440 00	40 00	.....
February .....	3,912 24	2,662 45	924 72	31 24	.....	5,530 65	.....	.....	4,492 00	.....
March.....	174 28	1,241 25	380 71	255 77	.....	2,052 01	.....	.....	2,598 30	.....
April.....	429 60	1,722 83	2,948 63	72 75	.....	5,273 81	.....	.....	1,835 00	.....
May.....	408 87	3,792 50	4,562 64	469 87	.....	9,233 88	.....	160 00	755 00	.....
June.....	1,563 84	4,560 00	298 11	138 25	.....	6,580 20	.....	40 00	3,198 03	.....
July.....	2,386 24	52,993 69	403 93	115 31	.....	55,899 17	.....	40 00	.....	.....
August.....	2,744 63	4,500 00	1,155 03	163 40	.....	8,563 06	.....	.....	1,675 00	.....
September.....	1,691 11	2,325 12	1,277 95	851 54	.....	6,145 72	61 81	.....	140 00	.....
October.....	9,266 78	12,086 26	2,838 31	4,892 28	.....	29,043 63	.....	960 00	1,998 00	.....
	27,327 43	94,302 21	20,395 21	8,078 91	8 51	150,712 27	95 72	1,840 00	19,293 63	241,015 38
Canadian Pacific Railway Company's account, settled at Head Office .....										
						69,073 56				
Grand total.....										
						219,785 83				
Increase over previous year .....										
						108,004 59	95 72	1,760 00	9,170 23	

G. U. RYLEY,  
Clerk of Timber, Mines and Grazing Lands.

DEPARTMENT OF THE INTERIOR,  
OTTAWA, 31st December, 1883.



## CROWN TIMBER OFFICE, WINNIPEG, 31st October, 1883.

SIR,—I have the honour to submit the following Report on the operations of the Crown Timber Office at this point for the year ending the 31st of October, 1883, which for more ready reference I have put in tabulated form, viz:—

- A. Statement showing the revenue derived from Crown Timber;
- B. General Office Returns and other information respecting the business of this office;
- C. The number of saw mills operating under Government License in the Province of Manitoba, and in the Districts of Keewatin and Assiniboia, as far west as the third initial meridian, together with the quantities of building material manufactured, sold, and on hand by each lessee respectively.

I am glad to be able to report a large and rapidly increasing revenue in this branch of your Department. The total receipts from timber are \$130,641.05 being \$30,772.97 more than was realized during the preceding year, a rather surprising showing in view of the fact that there has existed an unusual depression in the lumber trade of Minnesota, from which cause a very large quantity of building material has been forced into Canada to find a market here at whatever prices could be obtained for it.

The mills operating in this District during the past year have been of a much larger class than those operating during previous years, and the out-put has consequently been much greater, but in consequence of Minnesota pine being run into this market, all those Canadian millmen who could afford to do so, have very largely held over their stocks, and therefore the amount of royalty received has been proportionately reduced. However, the supply from the neighboring Union being likely to be less for the next season and the demand for lumber hereabouts continually increasing, I predict for the ensuing year an increased business for the Canadian lumberman, and of course a corresponding increase in the revenue derivable from this source.

I beg to direct your attention to the returns hereto appended under Schedule B, giving the comparative prices of lumber sold at the principal points in the Winnipeg District during the years 1882 and 1883.

During the past year I have, for the convenience of the settlers and to facilitate the working of this office, established local agencies in different portions of the country for the issuing of permits for the cutting of house timber, rails, fence posts and wood for fuel; also for guarding territory for which timber licenses have been issued, as well as protecting the Crown domain generally. These officers have rendered good service, and, so far as I can ascertain, have given general satisfaction in those localities wherein they have operated. As compensation for their services, they are allowed 25 per cent. of the dues collected by them individually, and they furnish monthly returns, which are examined here and transmitted to your Department at Ottawa.

I have the honour to be, Sir,

Your obedient servant,

E. F. STEPHENSON,

*Crown Timber Agent.*

A. M. BURGESS, Esq.,

Deputy of the Minister of the Interior.

## SCHEDULE A.

STATEMENT of Receipts on account of Crown Timber, for the Twelve Months ending 31st October, 1883.

Month.	Royalty on Returns of Sales.	Bonus and Ground Rent.	Permits.	Dues and Fines for Trespass.	School Lands.	Royalty on Stone Quarried.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1882.							
November .....	2,812 93	821 50	1,763 91	217 30	8 51	.....	5,624 18
December .....	777 66	6,536 61	69 75	724 70	.....	33 91	8,142 63
1883.							
January .. .....	897 54	27 00	3,728 49	146 50	.....	.....	4,799 53
February .....	3,912 24	412 45	924 72	31 24	.....	.....	5,280 65
March .....	174 28	741 25	334 26	255 77	.....	.....	1,505 56
April .....	251 95	1,027 00	42 00	72 75	.....	.....	1,393 70
May .....	408 87	130 00	4,562 64	469 87	.....	.....	5,571 38
June .....	1,550 30	443 54	298 11	138 25	.....	.....	2,430 20
July .....	1,669 51	713 69	27 69	115 31	.....	.....	2,526 20
August .....	1,155 25	1,097 38	902 93	163 40	.....	.....	3,318 96
September .....	1,691 11	325 12	1,276 45	851 54	.....	61 81	4,206 03
October .....	9,226 78	2,076 26	951 15	4,517 28	.....	.....	16,771 47
<b>Total .....</b>	<b>24,528 42</b>	<b>14,351 80</b>	<b>14,882 13</b>	<b>7,703 91</b>	<b>8 51</b>	<b>95 72</b>	<b>61,570 49</b>
Canadian Pacific Railway Company's account, settled at Head Office .....							69,073 56
Grand total .....							130,644 05
Increase over previous year .....							30,772 97
Amount collected, Head Office .....							14,989 28

E. F. STEPHENSON,  
Crown Timber Agent.

CROWN TIMBER OFFICE,  
WINNIPEG, 31st October, 1883.

**SCHEDULE B.**

**GENERAL Office Return for Twelve Months ending 31st October, 1883.**

Description of Return.	Number.	Compared with the previous Year.	
		Increase.	Decrease.
Number of letters written.....	2,189	423	
do received.....	2,061	669	
do Permits issued—Homesteaders Free.....	551	303	
do do Subject to dues.....	332		
do Seizures made.....	174	89	
do Mill Returns received and verified.....	118		3
do Leases cancelled.....			

**COMPARATIVE Prices of Lumber sold at principal points in the Winnipeg District, during the Years 1882 and 1883.**

Place.	Kind.	1882.	1883.
Winnipeg .....	Pine, per M. ft.....	\$25 00 to \$35 00	\$18 00 to \$25 00
do .....	Spruce and tamarac, per M. ft.....	18 00 — 30 00	12 00 — 18 00
Brandon .....	do do .....	26 00 — 34 00	16 00 — 22 00
Moosomin .....	Pine do .....	30 00 — 35 00	25 00 — 28 00
do .....	Spruce and tamarac do .....	28 00 — 30 00	23 00 — 25 00
Regina.....	Pine do .....	35 00 — 40 00	28 00 — 30 00
do .....	Spruce and tamarac do .....	30 00 — 38 00	26 00 — 28 00
Moose Jaw .....	Pine do .....	40 00 — 45 00	28 00 — 30 00
do .....	Spruce and tamarac do .....	35 00 — 40 00	26 00 — 28 00
Selkirk .....	do do .....	17 00 — 28 00	10 00 — 16 00
Rapid City .....	do do .....	25 00 — 40 00	25 30 — 30 00
Minnedosa .....	do do .....	25 00 — 40 00	22 00 — 28 00
Birtle .....	do do .....	20 00 — 40 80	20 00 — 30 00
Turtle Mountain.....	Poplar .....	20 00 — 25 00	15 00 — 20 00

**E. F. STEPHENSON,**  
*Crown Timber Agent.*

**CROWN TIMBER OFFICE,**  
**WINNIPEG, 31st October, 1883.**

## CROWN TIMBER OFFICE,

EDMONTON, 31st October, 1883.

SIR.—I have the honour to submit the following Report of the work of the Crown Timber Office, Edmonton, for the year just closed.

Since my last Report the North-West has felt the depression in business which commenced last year, in Manitoba; but I am glad to be able to say that the worst is now past, and with the incoming spring we may anticipate an improvement from the completion of the Canadian Pacific Railway to Calgary, distant from here only 200 miles, which gives a comparatively easy access to our distant land, and from the increased immigration which must result.

The quantity of lumber sawn in this Crown Timber District is very much less than the previous year, being 385,859 feet B.M. as compared with 1,585,463 feet B.M.

Last spring I visited Prince Albert and intervening places. At Prince Albert Messrs. Moore and Macdowall have, during the past season, erected a very large and fine saw-mill, capable of cutting from 50,000 to 75,000 feet per day. The place is growing rapidly, upwards of 150 new houses having been built during the past year, many of them of a substantial character.

At Battleford, Mr. Finlayson, the sub-agent, reported that very little was being done in lumbering, with the exception that Messrs. Oliver & Co. erected a mill and took out logs from their limit.

In August last Mr. John Connor, Forest Ranger, arrived. The appointment of such an officer was much wanted, and he will be very useful in my district.

During the year the immense district I had under my charge has been divided into three. I think the division will have a good effect, as it was impossible for one person to properly look after it.

Statements shewing the revenue derived from the Crown timber, and the number of saw-mills operating within this Agency, together with the quantity of building material manufactured and sold by each mill owner respectively during the year, and other information regarding the business of this office, will be found hereto appended.

I have the honour to be, Sir,  
Your obedient servant,

THOMAS ANDERSON,  
*Crown Timber Agent.*

A. M. BURGESS, Esq.,  
Deputy of the Minister of the Interior.

SCHEDULE C, showing the number of Saw Mills in the Province of Manitoba, and the Districts of Keewatin and Assiniboia, operating under Government License, during the Year ending 31st October, 1883.

Name of Owner or Owner and Assignee.	Where Situated.	Kind of Power.	Horse Power.	Capacity per twelve hours.	Commenced operations.	Description of Timber.	Location of Limit.	Quantity of Lumber manufactured during year ending 31st October, 1883.	Quantity of Lumber sold; on hand 31st October, 1882, and manufactured, to 31st October, 1883.	Quantity of Lumber on hand, 31st October, 1883.	Quantity of Shingles manufactured during year ending 31st October, 1883.	Quantity of Shingles sold; on hand 31st October, 1882, and manufactured, to 31st October, 1883.	Quantity of Shingles on hand, 31st October, 1883.	Quantity of Lath manufactured during year ending 31st October, 1883.	Quantity of Lath sold; on hand 31st October, 1882, and manufactured, to 31st October, 1883.	Quantity of Lath on hand, 31st October, 1883.	Remarks.	
								Ft., B.M.	Ft., B.M.	Ft., B.M.	Ft., B.M.	Ft., B.M.	Ft., B.M.	Ft., B.M.	Ft., B.M.	Ft., B.M.		
Adams & Schneider.....	Winnipeg River.....	Water.....	62	10,000	1879	Spruce.....	Limit C, Winnipeg River.....	2,144,538	1,891,696	800,000								
*Armitage & McCulloch.....	Minnedosa.....	Steam.....	25	6,000	1880	do.....	Townships 19 & 20, Range 20, W. in Township 19, Range 22, W. White-mouth River.....	155,000	555,171	218,670	416,500	189,000	227,500	130,427	57,645	72,782		
Armitage, J. S.....	No mill erected.....																	
Bergin, John & Co.....	do.....																	
Boulton, C. A.....	Shell River.....	Steam.....	16	3,000	1883	Poplar.....	Shell River.....											Commenced sawing in September. Returns not yet received.
Brouse, Geo. J. & Co.....	Badthroat River.....	Water.....	90	7,000	1879	Spruce.....	Badthroat River.....	442,560	442,560		1,315,000	1,315,000		166,000	166,000			
Brown, Rutherford & Neilson.....	Fisher Bay.....	Steam.....	30	10,000	1880	do.....	Fisher Bay.....	2,697,602	1,297,602	1,400,000								
Cameron, Alex.....	Rolling River.....	Water.....	25	6,000	1878	do and poplar.....	Riding Mountains.....	160,349	158,800	73,979								
Dick, Banning & Co.....	Hole River.....	Steam.....	25	6,000	1879	do.....	Hole River.....	3,337,416	1,837,416	1,500,000								
Douglas, David.....	No mill erected.....																	
Douglas, John W.....	Rapid City.....	Steam.....	20	4,000	1879	Spruce.....	Assiniboine River. Riding Mountains.....	13,500	22,314	2,144		3,500						
Drake & Rutherford.....	Fisher River.....	do.....	70	40,000	1883	do.....	Fisher River.....	1,500,000	457,189	1,042,811				100,000	40,550	59,450		
*Erratt, Jacob.....																		Limit assigned to North-West Lumbering Company. (See Walkley & Burrows)
Fox, Thos. L.....	Desford.....	Steam.....	16	3,000	1881	Poplar.....	Turtle Mountains.....	101,244	38,472	70,000	80,500	45,500	35,000					Mill machinery at Brandon; not yet erected.
Grigg, Ferguson & McQuarrie.....	Riding Mountain House.....	Steam.....	16	3,000	1880	Spruce.....	Riding Mountains.....	505,645	411,192	94,453	452,500	452,500		6,000	6,000			
Hudson's Bay Company.....	do.....	do.....	40	15,000	1881	do.....	Icelanders River.....	835,123	359,479	759,511				100,000	13,000	111,500		
Jonasson & Fredrickson Bros.....	do.....	do.....	25	6,000	1880	do.....	Bird Tail Creek.....	1,439,871	992,813	682,188	548,500	461,000	131,000	15,200	11,700	3,500		
Kent, James.....	Birtle.....	do.....	25	6,000	1880	do.....	Birtle.....											
Keewatin Lumbering & Manufacturing Co.....	Keewatin Mills.....	Water.....	400	120,000	1880	Red and white pine.....	Lake of the Woods.....	6,392,445	3,541,912	5,250,000	3,753,250	2,685,500	2,671,250	1,890,600	629,600	1,341,000		
Leacock, E. P.....	Bird Tail Creek.....	Steam.....	15	2,000	1880	Spruce.....	Bird Tail Creek.....	95,141	245,556									
Mitchell & Byers.....	do.....	do.....	16	3,000	1880	do.....	Township 10, Range 16, W.....	145,512	93,966	58,000	132,500	55,250	77,250					
*McFadyen, D.....	do.....	do.....	50	15,000	1880	do.....	Riding Mountains.....	468,945	151,694	362,351	340,000	144,500	195,500	89,750	20,400	69,300		
McKay, James W.....	do.....	do.....	25	3,500	1880	do.....	Township 10, Range 15, W.....	41,140	50,236		50,000	50,000						
Pratt, W. J. M.....	do.....	do.....																Mill abandoned; machinery put in grist mill at Portage la Prairie. Mill burned down, August, 1883. No returns of sales made.
Rainy Lake Lumber Co.....	Rat Portage.....						Rainy Lake.....											Purchased, but not erected.
Ross, A. W.....	do.....	Steam.....	55	25,000														
Ross, David.....	Whitemouth.....	do.....	35	10,000	1880	Spruce.....	Whitemouth River.....	3,096,469	1,591,669	1,505,000								
Shields et al.....	Brandon.....	do.....	35	12,000	1881	do.....	Shell River.....	1,358,303	1,212,288	106,015								
do.....	Shell River.....	do.....	15	3,000	1882	do.....	do.....	128,182	128,182		87,000	87,000						
Shore, E.....	Big Black Island.....							555,384	555,384		262,200	262,200						Limit abandoned.
Smith, Samuel.....	Desford.....	Steam.....	20	3,500	1881	Poplar.....	Turtle Mountains.....	359,268	269,215	92,153	409,500	385,000	29,500					
Sprague, D. E.....	Winnipeg.....	do.....	45	20,000	1882	Pine.....	Rosseau River.....	4,641,534	3,247,303	1,991,231				318,350	318,350			
Stubbs, Wm.....	Lake Winnipeg.....	do.....	75	30,000	1883	Spruce.....	Ebb and Flow Lake.....											Returns not received.
Stubbs, W. H., jun.....	No mill erected.....						Limit D, Winnipeg River.....											do do
Walkley & Burrows.....	Fort Alexander.....	Steam.....	25	6,000	1878	Spruce.....	Catfish Creek.....	618,447	499,848	327,495					40,600			
do.....	do.....	do.....	75	30,000	1883	do.....	Dog's Head, Lake Winnipeg.....	825,000	536,947	288,053	83,000		83,000	126,500	31,500	95,000		
Watts, Alfred.....	Norquay.....	do.....	16	3,000	1882	Poplar and oak.....	Township 7, Range 3, W.....	91,413	11,905	11,905	500,250	247,000	253,250					
Whimster & Kayll.....	Strathclair.....	do.....	25	6,000	1880	Spruce and poplar.....	Riding Mountains.....	799,210	599,408	218,150	759,500	456,250	303,250					
Williams & Harrison.....	Wakopa.....	do.....	25	6,000	1880	Poplar.....	Turtle Mountains.....	160,172	142,381	17,891	354,250	354,250						
<b>Totals.....</b>								<b>33,112,536</b>	<b>21,412,441</b>	<b>16,375,000</b>	<b>9,544,450</b>	<b>7,193,450</b>	<b>4,006,500</b>	<b>2,912,827</b>	<b>1,335,395</b>	<b>1,752,532</b>		

\*Assigned to John W. Douglas.  
 • do North-West Lumbering Co.  
 • do Jermyn & Bolton.  
 • do North-West Lumbering Co.

STATEMENT of Receipts, on account of Crown Timber, for the twelve months ending  
31st October, 1883.

Month.	Royalty on Returns of Sales.	Bonus and Ground Rent.	Permits.	Dues and Fines for Trespass.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1882.					
November .....					
December .....					
1883.					
January .....	901 71	2,263 00	43 00		3,207 71
February .....					
March .....		250 00	46 45		296 45
April .....		550 00			550 00
May .....		1,250 00			1,250 00
June .....		250 00			250 00
July .....	959 78	700 00	133 19		1,792 97
August .....	492 10		2 00		494 10
September .....					
October .....			634 66		634 66
	2,353 39	5,263 00	859 30		8,475 89

THOS. ANDERSON,  
*Crown Timber Agent.*

CROWN TIMBER OFFICE,  
EDMONTON, 31st October, 1883.

SCHEDULE B.

GENERAL Office Returns for twelve months ending 31st October, 1883.

Description of Returns.	Amount.	Compared with the previous year.		Remarks.
		Increase.	Decrease.	
Expenses of working office .....	\$347 29			
Number of letters written .....	332	163		
do do received .....	142	37		
do permits issued .....	85		201	
do seizures made .....	5	3		
do mill returns, &c. ....	8		3	
do Leases cancelled .....	None.			

THOS. ANDERSON,  
*Crown Timber Agent.*

CROWN TIMBER OFFICE,  
EDMONTON, 31st October, 1883.

SCHEDULE C, showing the Saw Mills in the Edmonton Crown Timber Agency, operating under Government License, during the Year ended 31st October, 1883.

Name of Owner or Owner and Assignee.	Where Situated.	Kind of Power.	Horse Power.	Capacity per 12 hours.	Commenced operations.	Description of Timber.	Logs Cut.	Quantity of Lumber manufactured during the Year ended 30th October, 1883.	M., B.M.	Quantity of Lumber sold; on hand 31st October, 1882, and manufactured to 31st October, 1883.	M., B.M.	Quantity of Shingles manufactured during the Year ended 31st October, 1883.	M., B.M.	Quantity of Shingles sold; on hand 31st October, 1882, and manufactured to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.
Hudson's Bay Co.....	Edmonton.....	Steam	40	10,000	1880	Spruce.....	On North Saskatchewan.....	35,800	M., B.M.	Sold, 529,901; on hand, 711,123; manufactured, 36,800.	M., B.M.	Quantity of Shingles manufactured during the Year ended 31st October, 1883.	M., B.M.	Quantity of Shingles sold; on hand 31st October, 1882, and manufactured to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.
CS Hardisty & Co.....	do .....	Stea	30	10,000	1880	Spruce.....	do .....	360,059	M., B.M.	235,564 on hand, 64,961; manufactured, 360,059; on hand, 84,844.	M., B.M.	Quantity of Shingles manufactured during the Year ended 31st October, 1883.	M., B.M.	Quantity of Shingles sold; on hand 31st October, 1882, and manufactured to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.
Moore & Co.....	Prince Albert.	Steam	20	35,000	1880	Spruce.....	Near Prince Albert.....	.....	M., B.M.	.....	M., B.M.	Quantity of Shingles manufactured during the Year ended 31st October, 1883.	M., B.M.	Quantity of Shingles sold; on hand 31st October, 1882, and manufactured to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.
St. Albert Mission Mill	St. Albert.....	Water	75	5,000	1882	Spruce.....	Egg Lake.....	385,859	M., B.M.	.....	M., B.M.	Quantity of Shingles manufactured during the Year ended 31st October, 1883.	M., B.M.	Quantity of Shingles sold; on hand 31st October, 1882, and manufactured to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.	Quantity of Laths manufactured, to 31st October, 1883.	M., B.M.
									385,859	2,011,254	39,500	39,500	39,500	39,500	147 bds.	147 bds.	147 bds.	147 bds.	147 bds.

CROWN TIMBER OFFICE,  
EDMONTON, 31st October, 1883.

THOS. ANDERSON,  
Crown Timber Agent.

CROWN TIMBER OFFICE,  
CALGARY, 31st October, 1883.

SIR,—I have the honour to submit the following Report of the work of the Crown Timber Office, Calgary, for the year just closed.

Statements showing the revenue derived from Crown Timber, and the number of saw mills operating within this Agency, together with the quantity of building material manufactured and sold by each mill-owner respectively during the year, and other information regarding the business of this office will be found hereto appended.

I have the honour to be, Sir,  
Your obedient servant,

C. L. GOUIN,  
*Crown Timber Agent.*

The Deputy of  
The Minister of the Interior,  
Ottawa.

STATEMENT of Receipts on account of Crown Timber, from the 1st March to the 31st October, 1883.

Month.	Returns under License.	Bonus and Ground Rent.	Permits.	Dues and Fines for Trespass.	Miscellaneous.	Total.
1882.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$
November.....						
December.....						
1883.						
January.....						
February.....						
March.....		250 00				250 00
April.....	1,031 82	145 83	2,052 46			3,230 11
May.....		662 50				662 50
June.....		3,900 00				3,900 00
July.....		50,080 00				50,080 00
August.....		3,250 00	250 00			3,500 00
September.....		500 00	1 50			501 50
October.....		300 00	2 50			302 50
	1,031 82	59,088 33	2,306 46			62,426 61

C. L. GOUIN,  
*Crown Timber Agent.*

CROWN TIMBER OFFICE,  
CALGARY, 31st October, 1883.



STATEMENT showing the Saw Mills in the Calgary Crown Timber Agency operating under Government License, during the Year ended 31st October, 1883.

Name of Owner or Owner and Assignee.	Where situated.	Kind of Power.	Horse Power.	Capacity per 12 hours.	Commenced operations in	Description of Timber.	Logs cut at	Quantity of Lumber manufactured during Year ending 31st October, 1883.	Quantity of Lumber sold, on hand 31st Oct, '82, & manufactured to 31st Oct, '83.	Quantity of Shingles manufactured during Year ending 31st Oct, 1883.	Quantity of Shingles sold, on hand 31st Oct, '82, & manufactured to 31st Oct '83.	Quantity of Lath manufactured during Year ending 31st Oct, 1883.	Quantity of Lath on hand 31st Oct, '82, and manufactured to 31st Oct, 1883.
Cochrane R'nche Co.....	Calgary, Alberta..	Steam..	20	10,000 feet.	February, 1883.	Red fir, spruce and cypress.	Bow River Mill, Calgary.....	Ft., B.M. 240,356	Ft., B.M. 192,780 47,566 240,356	Ft., B.M. 236,750	Ft., B.M. 221,750 15,000 236,750	10,000	9,400 600 10,000
Messrs Lett-bridge & Co....	Beaver Creek, Porcupine Hill, Alberta.....	do ...	20				Beaver Creek.....	2,070,868	None.	600,080			
Peter McLaren...	Mill Creek, Alberta	do ...	20				Neighborhood of Mill Creek.....	72,874		14,000			
								2,364,088		850,750		10,000	

C. L. GOUIN,  
Crown Timber Age t.

CROWN TIMBER OFFICE,  
CALGARY, 31st October, 1883.

## GENERAL Office Return, from the 1st May, 1883, to the 31st October, 1883.

Description of Return.	Amount.	Compared with the previous year.		Remarks.
	\$   cts.			
Expense of working office .....	918 00	.....	.....	This amount of \$948.00 includes travelling expenses from Winnipeg to Calgary; also for exploration of Bow, Spray and Kananaskis Rivers, limits.
Number of letters written.....	44 00	.....	.....	
do do received.....	36 00	.....	.....	
do permits issued.....	64 00	.....	.....	
do seizures made.....	.....	.....	.....	
do mill returns received.....	2 00	.....	.....	
do licenses cancelled. ....	.....	.....	.....	

C. L. GOUIN,  
*Crown Timber Agent.*

CROWN TIMBER OFFICE,  
CALGARY, 31st October, 1883.

CROWN TIMBER OFFICE,  
PRINCE ALBERT. 31st October, 1883.

Sir,—I have the honour to submit the following Report of the work of the Crown Timber Office, Prince Albert, from the 26th June last, when I commenced duty.

Statements showing the revenue derived from Crown timber, and the number of saw-mills operating within this Agency, together with the quantity of building material manufactured and sold by each mill-owner respectively during the year, and other information regarding the business of this office, will be found hereto appended.

I have the honour to be, Sir,  
Your obedient servant,

P. J. WAGGONER,  
*Crown Timber Agent.*

The Deputy of  
The Minister of the Interior,  
Ottawa.

STATEMENT of Receipts on account of Crown Timber, from the 26th June, 1883, to the 31st October, 1883.

Month.	Returns under License.	Bonus and Ground Rent.	Permits.	Dues and Fines for Trespass.	Miscellaneous.	Total.
1882.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
November .....	.....	.....	.....	.....	.....	.....
December .....	.....	.....	.....	.....	.....	.....
1883.						
January .....	.....	.....	.....	.....	.....	.....
February .....	.....	.....	.....	.....	.....	.....
March .....	.....	.....	.....	.....	.....	.....
April .....	.....	.....	.....	.....	.....	.....
May .....	.....	.....	.....	.....	.....	.....
June .....	.....	.....	.....	.....	.....	.....
July .....	.....	1,000 00	.....	.....	.....	1,000 00
August .....	.....	500 00	.....	.....	.....	500 00
September .....	.....	.....	.....	.....	.....	.....
October .....	.....	.....	.....	.....	.....	.....
Total .....	.....	1,500 00	.....	.....	.....	1,500 00

D. J. WAGGONER,  
*Crown Timber Agent.*

CROWN TIMBER OFFICE,  
PRINCE ALBERT, 31st October, 1883.

STATEMENTS showing the Saw-mills in the Prince Albert Crown Timber Agency, operating under Government License during the Year ending 31st October, 1883.

Name of Owner or Assignee.	Where Situated.	Kind of Power.	H. P.	Capacity per 12 hours.	Commenced operations in	Description of Timber.	Logs Cut	Quantity of Lumber manufactured during year ending 31st October, 1883.	Quantity of Lumber sold: on hand 31st October, 1882, and manufactured to 31st October, 1883.	Quantity of Shingles manufactured during year ending 31st October, 1883.	Quantity of Shingles sold: on hand 31st Dec., '82, and manufactured to 31st October, 1883.	Quantity of Lath manufactured during year ending 31st October, 1883.	Quantity of Lath sold: on hand 31st Dec., '82, and manufactured to 31st October, 1883.
Moore & Macdowall....	Prince Albert, N.W.T. ....	Steam.	25	35,000	1876	Spruce and poplar....		Quantity of Lumber manufactured during year ending 31st October, 1883. 821,886	Quantity of Lumber sold: on hand 31st October, 1882, and manufactured to 31st October, 1883. 461 feet on hand 31st Dec, 1882, 85, 844 feet.	Quantity of Shingles manufactured during year ending 31st October, 1883. 744½	Quantity of Shingles sold: on hand 31st Dec., '82, and manufactured to 31st October, 1883. 351½	Quantity of Lath manufactured during year ending 31st October, 1883. 3,185 b'bles.	Quantity of Lath sold: on hand 31st Dec., '82, and manufactured to 31st October, 1883. 657 bundles; none on hand 31st Dec., '82.
Stobart and Eden.....	Prince Albert, N.W.T. ....		16	5,000	1881	Pine.....		Quantity of Lumber manufactured during year ending 31st October, 1883. 821,886	Quantity of Lumber sold: on hand 31st Dec, 1882, 85, 844 feet.	Quantity of Shingles manufactured during year ending 31st October, 1883. 744½	Quantity of Shingles sold: on hand 31st Dec., '82, and manufactured to 31st October, 1883. 351½	Quantity of Lath manufactured during year ending 31st October, 1883. 3,185 b'bles.	Quantity of Lath sold: on hand 31st Dec., '82, and manufactured to 31st October, 1883. 657 bundles; none on hand 31st Dec., '82.
Totals .....								821,886	744½	3185	.....	.....	

D. J. WAGGONER,  
Crown Timber Agent.

CROWN TIMBER OFFICE,  
PRINCE ALBERT, 31st October, 1883.

## GENERAL Office Return, from the 26th June, 1883, to the 31st October, 1883.

Description of Return.	Amount.	Compared with the previous year.		Remarks.
		Increase.	Decrease.	
	\$ cts.	\$ cts.	\$ cts.	
Expense of working office.....	.....	.....	.....	\$920.00.
Number of letters written.....	.....	.....	.....	
do do received.....	.....	.....	.....	
do permits issued.....	.....	.....	.....	
do seizures made.....	.....	.....	.....	
do mill returns received.....	.....	.....	.....	
do leases cancelled.....	.....	.....	.....	

D. J. WAGGONER,  
*Crown Timber Agent.*

CROWN TIMBER OFFICE,  
PRINCE ALBERT, 31st October, 1883.

DEPARTMENT OF THE INTERIOR,  
ORDNANCE AND ADMIRALTY LANDS BRANCH,  
OTTAWA, 1st December, 1883.

SIR,—I have the honour to submit for your information a Report of the transactions of this Branch for the fiscal year ending 30th June, 1883.

Four schedules are annexed, viz:

- A. Statement of sales made during the year.
- B. Statement showing the several localities from which moneys have been received.
- C. Showing amounts received each month.
- D. Showing amounts due and remaining unpaid 30th June, 1883.

The sales during the past year have been very limited, amounting to \$8,626.00 only, on account of which the sum of \$6,894.00 has been received.

The revenue from rents, interest equivalent to rents, registration fees and sales amounted to \$19,402.69, exhibiting a serious falling off from that of the previous years, while the indebtedness to the Department on the 30th June, 1883 (\$128,664.00) was little less than that remaining on the 30th June, 1882 (\$129,992.40.)

There can be no doubt that had less leniency been shown, the revenue would have been much larger. By extending the time for payment it was reasonably expected that many of the purchasers and tenants who were heavily in arrears would, appreciating the patience and indulgence of the Department, have made an extra effort to discharge their several liabilities. Such, however, has not been the case; on the contrary, an indifference to the claims of the Department and a reluctance to pay has been manifested. By comparing statement D. with that of the previous year, it will be seen that in several localities the indebtedness has largely increased, notably at Amherstburg, to the extent of \$3,307.51; Chambly, \$2,031.29; Nepean, \$3,737.65; Quebec, \$451.68; and Toronto, \$884.91.

The inference to be drawn from these facts is, that in many cases the purchasers have no intention of fulfilling the terms and conditions by which they were bound at the time of sale, and are prepared to relinquish the properties purchased by them

respectively. Prompt action should be taken with a view to the enforcement of the payment of arrears, or if deemed advisable the sales might be cancelled and the lands resumed in accordance with the provisions of the Act 23 Vict., cap. 2, sec. 20.

There is no reason why the Ordnance and Admiralty Lands should not be productive, for many years to come, of a comparatively large revenue. At Kingston there yet remain 265 lots unsold; at Prescott, 58; Toronto, 3; Chambly 20, besides several other lots the previous sales of which might be cancelled; at Fort Erie, 19 acres and 2 roods were laid off into lots; and at Amherstburg there are 17 lots occupying an area of 23 acres, 3 roods and 14 perches, the sale of which might, in consequence of default having been made in payment of instalments and interest, be cancelled. I am of opinion that if the last mentioned lots were divided or sub-divided into half acre or quarter of an acre lots they might be sold more advantageously to a reliable class of purchasers, who would be prepared to meet their engagements punctually.

Sales during the ensuing spring of the properties above referred to, together with other lots in the City of Quebec and elsewhere, would have the effect of restoring the revenue of this Branch to a healthy and satisfactory condition.

There were no sales reported during the year of lands appertaining to the Estate of the Bank of Upper Canada, which are under the administration of this Branch.

The official labour connected with this Branch during the year included the keeping of upwards of 1,100 accounts, the receipt, docketing and arrangement of 486 letters, writing and copying of 514 letters in reply, drafts for letters-patent and leases 52, assignments registered 42, warrants issued for bank to receive moneys 174.

It would be impossible to present an accurate statement of the large amount of labor performed in this office or description of the quality of that labor, embracing as it does the consideration of conflicting claims, errors in surveys, preparation of numerous and varied reports, &c., &c.

The Staff of this Branch consists of Mr. P. G. Keyes, who occupies the position of General Clerk, at the same time discharging the duties of Accountant, and the undersigned.

I have the honour to be, Sir,  
Your obedient servant,

WILLIAM MILLS,

*In charge of Ordnance and Admiralty Lands.*

The Deputy of the  
Minister of the Interior,  
Ottawa.

## A

## STATEMENT of Sales made during the Fiscal Year ended 30th June, 1883.

Locality.	No. of Lots Sold.	Amount Sold for.	Amount Received on Account.
		\$ cts.	\$ cts.
Ottawa, City of.....	9	1,421 00	1,421 00
Kingston, City of.....	14	2,705 00	973 00
St. John's, Q.....	22½ acres.....	4,500 00	4,500 00
Total.....	23 lots and 22½ acres.....	8,626 00	6,894 00

P. G. KEYES,  
*For the Accountant.*

DEPARTMENT OF THE INTERIOR,  
ORDNANCE AND ADMIRALTY LANDS BRANCH,  
OTTAWA, 1st December, 1883.

## B

## STATEMENT showing the several Localities on account of which Moneys have been received during the Fiscal Year ended 30th June, 1883.

Locality.	Amount.	Locality.	Amount.
	\$ cts.		\$ cts.
		Brought forward.....	7,567 77
Amherstburg.....	499 47	Niagara.....	191 94
Chambly.....	429 58	Grenville.....	13 00
Crosby, South.....	58 17	Ottawa.....	4,105 62
Elmsley.....	13 70	Oxford.....	1 60
Fort Erie.....	50 00	Prescott.....	427 20
Gloucester.....	26 30	Quebec.....	1,399 90
Kingston, City of.....	4,348 11	St. John's.....	4,895 75
Kingston, Township of.....	90 73	South River.....	10 60
Longueuil.....	1,000 00	Sorel.....	313 70
Montreal.....	418 00	Sarnia.....	40 00
Nepean.....	569 27	Three Rivers.....	395 41
Nova Scotia.....	14 03	Wolford.....	25 80
New Brunswick.....	12 41	Registration Fees.....	15 00
Carried forward.....	7,567 77	Total.....	19,402 69

P. G. KEYES,  
*For the Accountant.*

DEPARTMENT OF THE INTERIOR,  
ORDNANCE AND ADMIRALTY LANDS BRANCH,  
OTTAWA, 1st December, 1883.

## C

## STATEMENT of Receipts on account of Ordnance and Admiralty Lands, for the Fiscal Year ended 30th June, 1883.

Date.	Receipts.	Registration Fees.	Rent or Interest.	Principal.	Total Amount.
1882.		\$ cts.	\$ cts.	\$ cts.	\$ cts.
July. ....	To receipts for month .....		519 41	570 86	1,090 27
August.....	do .....		148 10	341 00	489 10
September...	do .....		416 11	1,167 49	1,583 60
October .....	do .....		485 58	420 97	906 55
November...	do .....		683 67	1,306 00	1,989 67
December....	do .....	15 00	743 86	646 00	1,404 86
1883.					
January. ....	do .....		835 41	579 19	1,414 60
February ....	do .....		330 60	1,113 90	1,444 50
March.....	do .....		1,217 68	195 33	1,413 01
April.....	do .....		562 83	4,851 25	5,414 08
May.....	do .....		392 62	1,294 00	1,686 62
June. ....	do .....		355 33	230 50	585 83
		15 00	6,671 20	12,716 49	19,402 69

P. G. KEYS,  
for the Accountant.

DEPARTMENT OF THE INTERIOR,  
ORDNANCE AND ADMIRALTY LANDS BRANCH,  
OTTAWA, 1st December, 1883.



## D

STATEMENT showing the amounts due and remaining unpaid 30th June, 1883, on account of Rent and instalments of Purchase money and Interest.

Locality.	Rent and Interest due and remaining unpaid 30th June, 1883.	Amount of Instalments due and unpaid 30th June, 1883.	Total Amount.
	\$ cts.	\$ cts.	\$ cts.
Amherstburg.....	6,702 68	13,795 66	20,498 34
Chambly.....	2,564 75	7,171 91	9,736 66
Chatham, Q.....	110 00	.....	110 00
Carillon.....	1 60	.....	1 60
Crosby South.....	131 72	307 00	438 72
Elmsley.....	9 70	.....	9 70
Fort Erie.....	325 39	632 37	957 76
Gloucester.....	74 05	206 81	280 86
Grenville.....	14 20	.....	14 20
Kingston, City of.....	1,619 84	3,621 57	5,241 41
Longueuil.....	230 00	.....	230 00
Montreal.....	418 00	.....	418 00
Marlborough.....	35 00	.....	35 00
Nepean.....	26,423 73	717 27	27,141 00
Navy Island.....	100 00	.....	100 00
Niagara.....	171 94	.....	171 94
New Brunswick.....	170 73	.....	170 73
Ottawa, City of.....	19,009 51	4,147 50	23,157 01
Oxford.....	0 60	.....	0 60
Pittsburgh.....	31 36	32 80	62 16
Prescott.....	105 83	419 60	525 43
Penetanguishene.....	53 65	63 90	117 55
Quebec.....	8,046 12	18,688 00	26,734 12
Sorel.....	981 88	66 99	1,048 87
Point Levis.....	5 00	.....	5 00
Toronto.....	2,392 04	4,934 50	7,326 54
Wolford.....	2,048 80	.....	2,048 80
Windsor.....	480 00	1,600 00	2,080 00
	72,258 12	56,405 88	128,664 00.

P. G. KEYES,  
For the Accountant.

DEPARTMENT OF THE INTERIOR,  
ORDNANCE LANDS BRANCH,  
OTTAWA, Dec. 1st, 1883.

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PART II.

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REPORT OF THE SURVEYOR-GENERAL.

DEPARTMENT OF THE INTERIOR,  
TECHNICAL BRANCH,

OTTAWA, 31st December, 1883.

SIR,—I have the honour to submit herewith the report of the Chief Inspector of Surveys on the operations of this Branch of your Department during the past season.

It shows the largest amount of work that has yet been accomplished in Dominion Land surveys in any one year.

One thousand two hundred and twenty-one townships, or somewhat over 27 millions of acres were subdivided into sections and quarter sections, ready for occupancy by settlers; besides which about 11,300 miles of block and township outlines, establishing the outside boundaries of thirteen hundred and sixty townships, were surveyed

The laying out of the land from the western boundary of the Province of Manitoba towards the Rocky Mountains has fairly kept pace with the rapid construction of the Canadian Pacific Railway.

Of the townships completely surveyed as above indicated, ten hundred and fifty-nine were along the line of that railway, including its land belt, and extending beyond it, to an average depth of nearly 50 miles on either side of the line.

The remaining 162 townships were surveyed in the vicinity of advancing settlements, principally those of Prince Albert and Edmonton, and in tracts purchased by colonization companies, to make these ready for the settlers they have to place upon them.

At the point in their progress when the land surveys have reached across the whole of the prairie interval between the Rocky Mountains and the wooded region east of the Red River, it may not be amiss to give a brief review of the operations and modes of working of this branch of the service from their commencement to the present time.

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On the 7th of March, 1871, the Dominion Lands Office was established under the Secretary of State of Canada and charged with the management of the vast territory in the North-West, which had lately become the property of the Dominion, and on the erection in 1873 of the Department of the Interior became a branch of that Department.

Of the immense region acquired, many hundreds of millions of acres, a vast area, estimated at three hundred millions of acres, or an extent more than equal to the whole of England, France and Germany together, was known to be a comparatively level country, suitable for occupation by man, much of it open prairie, and the rest alternately wood and prairie land or forest.

The framing and adoption of a system of civil division and subdivision into individual land holdings of so large a territory was an important matter.

After due consideration it was deemed advisable to follow in the main the method of survey into square townships, sections and quarter-sections, which obtained in the adjoining Territories of the United States; in which the conditions of natural surface, climate, and mode of settlement, were to a very great degree similar.

A scheme of surveying, containing some important modifications of the United States system, was submitted, and received the approval of the Government by Order in Council of the 25th of April, 1871, immediately after which due steps were taken to organize and prosecute in the field the Dominion land surveys of the North-West.

A manual of survey, setting forth the system in detail, with illustrative maps, and containing standing instructions for the guidance of surveyors, was compiled and published. The chief departures therein from the United States system taken as a model were,—first, that instead of the allowance made in the area of every section for roads, whose position would afterwards be fixed by need and authority, there was provided by the Canadian system, and laid off in the field, a road allowance all round the exterior of every section.

Another and material departure from the United States system consisted in a difference of method in the processes for demarcation of boundaries in the field.

In the earlier occupation of the lands of the United States their survey was made almost entirely by means of the Magnetic Compass. This was also the case in Canada.

The evils arising from the errors essentially connected with this practice were, in later years, avoided in a great degree in the former country by the adoption on its land surveys of the method termed Solar Compass Surveying. In Canada, with like object, a most important step in the direction of improvement was made by the

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prescription by Government that all boundary lines of the Crown Lands should be surveyed astronomically, a definition distinguishing the processes from those of magnetic surveying and excluding the use of the magnetic needle.

In drafting the system of survey for Dominion Lands that was subsequently approved by Government, whilst following in the main the United States mode of division into townships and sections, it was deemed preferable to adhere in the processes for effecting this to Canadian precedents.

The use of the Solar Compass did not exclude that of the magnetic needle. On the contrary, under certain circumstances, it necessarily involved its employment.

This, together with inherent defects in any known form of Solar field instrument, rendered the method of survey by it incapable of the degree of accuracy easily attainable by the processes employed in Canadian Crown Land surveys for obtaining the bearings of township lines by referring their directions, through the means of suitable Azimuthal instruments, to the known directions of certain circumpolar stars.

The surveys of Dominion lands were, at the outset, divided into two classes, the first consisting of those by which the outline boundaries of blocks containing four townships were surveyed, and termed Block Surveys. The second, named Subdivision Surveys, followed the first, dividing up the land within the outlines of each block into sections and quarter sections, laying off the road allowances and filling in the topographical details. The lines established by the Block Surveys thus formed a frame for the subdivisional ones governing them and limiting their accumulation of error.

At first both classes of surveys were performed by contract, at a fixed rate per mile. But short experience, however, showed that to this method of payment for the first class there were, in the interest of the service, the gravest objections to be made.

The block surveyor was also an exploratory surveyor. Until his lines had been run there could be no knowledge of what obstacles to the progress of his survey he would encounter, nor of the probable nature of those likely to be met, in the interior of the block, by the subdividing surveyor, who would come after him.

To fix in advance the price for a service, the cost of which neither of the parties to the contract could know, was, as a mere hazard, to incur a greater probability of unfairness in the end, either to the public or to the surveyor, than of justice to both, for of the three possible events two were unfair.

The great evil, however, was the moral effect upon the surveyor. Assuming him to have been earnestly desirous of doing his work as well as the money he was to receive for it would permit—that is of giving just value in return,—yet it would be

possible that, under apprehension of unknown obstacles to be encountered at the risk of loss to himself and to those who were his securities, he would, even unconsciously, be impelled to hurry his work to a degree incompatible with the accuracy desirable in a survey of this class, forming the basis of and governing, as it did, all subsequent operations.

For these reasons it was, on the 22nd April, 1873, ordered by Government that Block Surveyors should be paid by the day for their personal service; and that the cost otherwise of their surveys, as shewn by duly attested vouchers, be defrayed by the Department.

In the year 1880 a class of surveys, intermediate between the two above defined, was established, termed Township Outline Surveys, becoming in the order of the operations and their requisite degree of accuracy the second class; the subdivision surveys becoming the third. This arose in consequence of the experience of the comparative costliness of block surveys when properly performed, and also of the conclusion arrived at, from the survey data, that it would suffice to apply the higher method of survey to the outlines of blocks containing sixteen townships instead of to every block of four townships, as had been previously done.

Under this last system of working the order of operations was as follows:

*First.* The Block Surveyor laid out any given portion of territory into square shaped blocks of four townships, or twenty-four miles to the side, exclusive of road allowances. The so surveyed periphery of a block being about ninety-seven and three-quarters miles, or roughly nearly a hundred miles.

*Second.* The Township Outline Surveyor proceeded to divide the block by lines crossing each other at intervals of six miles and included road allowances, and forming the outlines, within it, of the sixteen townships it contained. The total length of line surveyed by him in so doing would be about one hundred and forty seven miles.

*Third.* The subdividing or "Contract" Surveyor laid off each of those townships into the thirty-six sections, and their quarter sections, prescribed by the law; the total length of line measured in so establishing their boundaries within the blocks, being about nine hundred and seventy-six miles, or roughly, nearly a thousand miles.

At a little later period a still further and material reduction in the cost of survey was effected by the relegation to the subdividing surveyor of about half of the township outline surveying described above as within a block, by including in his contract for the subdivision the work of establishing for himself alternate township outlines or the equivalent thereto. It is possible that in this last step of that kind, in the direction of economy, the limit of safety as regards accuracy has been reached.

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Next in order of the survey operations is the inspection of the work in the field.

To make a thorough inspection of a survey, it would be necessary to remeasure all its lines; in fact, an exhaustive inspection means a duplicate survey. This forms a fundamental objection to survey by contract. It is impossible that any Government officer can certify that the full value has been received by the public for the contract money paid, unless he has so executed, or caused to be executed, a duplicate survey. The most, therefore, that is practicable, within reasonable limits of cost for inspection, is that tests should be applied, here and there at hazard, throughout a contractor's work, and the inspecting officer report the resulting facts, together with a presumptive opinion based thereon, respecting the necessarily very much larger untested portion of the contract.

In the earlier prosecution of the surveys, inspection was confined to a visiting of the various parties in the field by the inspector to satisfy himself that they were really at work, and to judge, by what he saw of their manner of doing it, whether the requirements of the contract were being duly complied with; but, unless he became aware of something to give him suspicion of error or neglect, no check measurements were made beyond that of an occasional rough testing of an angle, with a pocket sextant that could be carried about by a person travelling on horseback or on foot, and generally alone. This kind of inspection, though certainly inexpensive, proved to be correspondingly ineffective. It became evident that the cost must be incurred of applying check measurements to portions, chosen unsystematically, of each contract in order thus to insure the obtaining average samples of the work. Inspection surveys were therefore established. At first these consisted of lines run at random diagonally through a contractor's townships and closing on the surrounding block outline surveys, with the object of having a rigid check both on the contractor and on the work of the inspection survey itself. This method was, however, abandoned on account of the labour it entailed in the office in obtaining, from the data, comparison of the actual position of boundaries checked, with that which theoretically they should occupy, and also because that the inspecting surveyor could judge but from what he saw at points where his lines intersected those of the contract, what care had been taken in placing its monuments.

The simpler method was adopted of re-survey of parts of the contract. This afforded speedy comparison in the office of the field notes of the contractor with those of the inspecting surveyor, and enabled the latter, while carrying on his own survey, to judge of the care taken by the first to secure permanency of demarcation.

Allied to the inspection in the field and forming the last step before the surveyor's accounts are settled and he receives payment of their balance, is the examination of survey returns. This consists of the comparison, by draughtsmen of the surveys office, of the surveyor's plans and field notes with each other, and



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with the printed schedules—compiled for the purpose,—of the rules and requirements of Dominion Lands survey; it also includes the audit of the surveyor's accounts, their numerical accuracy being checked by revision of their computations by account clerks. Finally, the correctness in principle, as well as in amount, of each charge is checked by the Chief Inspector of surveys, on whose report that the surveyor's returns of his survey are satisfactory, and his accounts correct, the Surveyor-General's requisition issues for payment to him of the balance due.

When the survey of a township has been completed, and the returns thereof thus accepted, it is next necessary to prepare from the original plan of it, returned by the surveyor, copies for the use of the Department, and of its outside officers and agents engaged in the administration and disposal of the land; of territorial registry offices, to which by law they are to be supplied, and to meet private applications for their purchase.

At first, when the area surveyed yearly was comparatively small, these copies were drawn by the draughtsmen of the office, by the usual hand processes, but the numbers to be made soon grew to be such that some method of reproduction by printing had to be employed, and for a time that of photo-lithography was used. This was however, with the means available, found to be too slow; the issue of township plans fell into arrear, and a speedier method—a modification of ordinary lithography—was adopted, one which has proved in every way satisfactory, the supply of township plans keeping pace with all need, and the cost of reproduction as compared with former methods being much reduced.

As some explanation of the means employed to extend correctly over so large an area the system of land division adopted, it will be endeavoured to give a description, as untechnical as possible, of the leading processes, using technical language only where it cannot be avoided.

All surveying depends for its accuracy chiefly upon the correct measurement of length; this is usually effected by measurement with a chain. This kind of work is liable to two classes of error; first, blunders either in manipulation or in recording; second, the unavoidable accidental and other errors due to a variety of causes, such as the nature of the surface to be measured, the best approximative precision of which the implements used are capable. Some of these errors tend to balance each other in the long run; others are accumulative in their effect.

On Canadian surveys, previous to those of Dominion Lands, all lines were chained but once, and hence large errors could remain undetected until long after circumstances had rendered their correction impracticable, other work having in the meantime been carried out and completed on the basis of the first erroneous survey. This method of but a single chaining was at first followed in Dominion Land surveys, but

it was soon proved that the expense of making of all governing lines two separate and entirely independent chainings would have to be incurred.

In the duplicate measurement of lines as now effected, if the separate measurements do not agree within the limits of accordance prescribed, which are a foot and a-half per mile in open prairie and two feet in wood land, the measurements are repeated until they agree to within these limits. The interior or detailed work of the survey of a township, that which is done by contract, is still but once chained.

In 1881 it was ordered by Government that the width of the roads in Dominion Land townships thereafter surveyed should be reduced to one chain (66 feet), and further, that of the roads crossing each township, in an easterly and westerly direction, two should be dispensed with.

By this the quantity of land taken up by roads was lessened to an extent that would amount for the cultivable portion of the North-West to about four millions of acres, and the cost of survey diminished by the saving, throughout the whole territory, of that for measurement of the two roads.

When stating the limit of comparative accuracy that is imposed on the linear measurements of these surveys, it may be as well, even at the cost of being more technical, to give some idea of the order of precision attained by their other mensurative processes.

The latitudes of astronomical stations are, by taking the mean of numerous star observations, determined with an average uncertainty of about 15 feet, and the difference of latitude between two such stations, therefore, with an average uncertainty of about 20 feet, irrespective of the effect of local abnormal direction of gravity at either station, from which cause the discrepancy between astronomically observed and surveyed differences of latitude might be many times the uncertainty here specified.

The directions of governing lines are determined by frequent azimuthal observations, whose average probable error is about four seconds of arc.

It is of course much more difficult to maintain accurately the prescribed direction for a line than to ascertain, at any part of it, its deviation therefrom. The average deviation in azimuth, therefore, of the principal lines of the survey, materially exceeds the probable error of the azimuthal observations, and is about ten seconds of arc.

~~By~~ By careful and refined process for establishing and maintaining lines in their proper azimuth, some counterbalance is effected to the inevitable accumulation of error in the chained measurements of the survey. As yet there are no known means of direct measurement within, for our purpose, reasonable limits of cost, that will not

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involve discordances of survey tenfold those arising from azimuthal deviations of the degree indicated above.

On the second class of lines, an average deviation of a minute and a-half is permissible, whilst on those of sub-divisional survey the limit of error by departure from parallelism of section sides is fifty links (33 feet) at their closing corners.

Besides this, improvements were made in the instruments used. The ordinary surveying chain was replaced by a measure consisting of a continuous steel band. Notwithstanding these precautions, it was found that even on the carefully executed block surveys, errors would accumulate. Astronomical observation furnished a check upon any errors in latitude occurring in these, but for errors in longitude no readily applicable means of control were available. There were, as yet, no lines of telegraph; and purely astronomical methods of determining differences of longitude would not make such determinations with sufficient correctness to serve the purpose. It was, therefore, ordered that a special survey employing more refined processes than those ordinarily in use should be carried from the initial point of the surveys,—the first or Winnipeg meridian, westward to the Rocky Mountains, affording a check upon what already had been done, and also to serve as a basis for the extension of the township system wherever it might be found desirable to meet the need of isolated settlements springing up in advance of the general progress of the main survey of the townships westward.

This special survey was carried by means of triangulation for 250 miles westward from the initial meridian, in the manner called the "ray trace" system in the surveys of India. The method was, however, found unsuitable on account of the delays and expense to be incurred in building the high stations necessary in so flat a country, if the triangles were of the dimensions requisite for affording anything like the accuracy that the method should attain; and also because it was expected that the early construction of the Canadian Pacific Railway and its attendant telegraph lines would give other means of checking the errors in longitude of the chained measurements.

At the end of the triangulation above indicated, a short distance westward of Fort Ellice, the second initial meridian was established by the special survey, and from thence westward a series of standard meridians and parallels were carried by it as far as Edmonton, establishing at intervals of four degrees of longitude the third, fourth, and fifth initial meridians. In the course of the survey—a distance of about seventeen hundred miles—twenty-one astronomical stations were made, of which the latitudes were carefully determined by the most refined processes of astronomical observation that are practicable in the field. The progress of the survey continued, however, to be so much in advance of the construction westward of telegraph lines, that the initial meridians had to be established by the measurements of the survey

alone; that is, without their being checked, as had been expected, by independent determination of the differences of longitude through the means of the electric telegraph.

The connection in longitude of the land surveys in the North-West Territories with those of the eastern section of the Dominion, came about in the following manner:—When the survey west of the Lake of the Woods of the boundary between the United States and the British possessions was being made, it was requisite for its purposes that the longitude of some point on the line to be established should be known, preferably a point situated near the eastern end or beginning of the work. The knowledge was of similar importance for the the purposes of the land surveys. It was therefore decided that this Department should co-operate with the Imperial Boundary Commissioner in effecting the determination of the longitude of a point at Pembina, on the International boundary line, where it is crossed by the Red River. The longitude westward from Greenwich of the observatory of Chicago, in the United States, had been fixed by more than one determination. This observatory, therefore, formed an excellent datum point for comparison with the one to be determined. An officer of this Department was despatched to Chicago, and through the courteous facilities accorded him, alike by the observatory authorities and by the managers of the United States telegraph lines between Chicago and Pembina, the longitude of the latter point was ascertained by the officers of the Royal Engineers and himself conjointly, without cost other than that of personal expenditures.

On the longitude of this point thus ascertained, depends that assumed for all the the lines of the Dominion Lands township system in the North-West.

Much trouble has been experienced in the course of these surveys in securing any approach to permanency of the boundaries established. The prairie fires burn the wooden posts placed in the earthen mounds, and bearing the marks indicating section numbers. Wherever there are herds of cattle they demolish the mounds; after this, the melting snows in spring float the posts away and little or no trace of survey remains. They are even subject to being effaced through the ignorance or perversity of the natives of the prairie region, who, if hearsay is to be credited, have when travelling across a stretch of prairie, where other wood for fire could not easily be obtained, been seen provided with a goodly cart load of fuel consisting of township survey posts, gathered on their way. Iron posts have from the first been planted at those township corners forming the corners of blocks. Lately the additional expense has been incurred of placing iron posts at every township corner. These posts were made first of solid iron bars, subsequently of iron tubing, to lessen the cost of transport.

Taken altogether, the present mode of effecting the field work of the land surveys has proved satisfactory.

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Between the advantages and disadvantages of contract work and those of survey by salaried staff, a compromise has been arrived at.

Of the evils attendant on surveying done exclusively by contract at fixed rates per mile, the official reports of the land surveys of an adjoining country give us, it may be said without invidious reflection, shining examples and emphatic warning. Nor are such examples altogether foreign to our own experience of contract surveying, controlled though it may be, in our case, by a system which limits its evil effects, confining them within the individual meshes of a network of accurately pre-established outline boundaries of townships.

On the other hand, it is to be admitted that to carry on a work of this kind wholly by means of a staff of daily paid surveyors, would be to have it, though better done, effected more slowly and at greater cost.

As the matter now stands, the average contract work is good enough for the purposes of sub division. For the governing surveys, those in which a higher order of precision is requisite, careful selection each season of surveyors who have exhibited, besides mere professional skill, the energy and capacity for business management that ensures their carrying out rapidly and economically the various scientific operations involved, has resulted in our obtaining for the charge of the daily paid surveys a corps of professional men who, it is safe to say, will favourably bear comparison with those in any public service.

In closing, it may be stated that the total area of Dominion Lands surveyed into sections and quarter sections is, up to the present time, about 58,000,000 of acres. In addition to this, an area of 22,000,000 of acres has had extended over it the framework of township outlines, making it ready for their interior sub-division.

I have the honour to be, Sir,

Your obedient servant,

LINDSAY RUSSELL,

*Surveyor-General.*

The Honourable

D. L. MACPHERSON,

Minister of the Interior.

## CHIEF INSPECTOR'S REPORTS.

DEPARTMENT OF THE INTERIOR, TECHNICAL BRANCH,  
OTTAWA, 9th November, 1883.

SIR,—I have the honour to report as follows on the operations of this branch during the twelve months ending, 31st October, 1883.

The correspondence of the branch has been :—

Letters received.....	3,084
Letters sent.....	2,882

In addition to the last number, numerous printed letters and circulars have also been issued.

The surveys performed during the year 1883 have been more extensive than in any previous year; they cover the country between Touchwood Hills and the Rocky Mountains, and between the second base line and the North Saskatchewan River.

The outlines of the townships have, as heretofore, been established by surveyors under daily pay, while the sub-division of the townships was performed by contractors paid at certain fixed rates per mile of line surveyed.

The number of townships, the outlines of which have been surveyed, may be roughly estimated at 1,360, corresponding to 11,300 miles of outlines.

The number of townships sub-divided and ready for settlement is about 1,221, covering an area of 27,000,000 of acres, and corresponding to about 70,000 miles of lines surveyed.

One hundred and nineteen surveyors have been employed, divided as follows :—

- 10 surveyors of base lines.
- 21 surveyors of township outlines.
- 4 examiners of contract surveys.
- 82 contractors for sub-division surveys.
- 1 surveyor of Rat River Settlement.
- 1 contractor for survey of town plot.

Although full returns have not yet been received, enough is known to give assurance that the cost per mile of outline surveys will be found as low as could be expected.

Owing to some modifications of the system of survey, one-half of the lines formerly established by surveyors under daily pay are now surveyed by the contractors for sub-division, by which, not only has a large saving been made, but the work is more satisfactory. The saving from this cause alone this year may be estimated at \$75,000.

The measures devised to ensure the faithful execution of survey contracts have proved very successful; the reports of the examiners describe the work generally as fairly good. It has often been said, both here and in the United States, that no satisfactory results could be expected from the system of giving out surveys by contract; but the results obtained this year will show that with proper management fair sub-division work may be obtained from contract surveyors.

Mr. W. F. King, Inspector of Surveys, had the direction of the operations in the field, and according to instructions established his office at Medicine Hat, District of Assiniboia. This proved a great convenience to surveyors, who could at once confer with a responsible officer of the Department, without the delays involved in correspondence with Ottawa. Mr. King has performed his duties in a very creditable manner, and to him is due a large share of the success of the season's work.

The country sub-divided into sections during the summer extends from Moose Jaw to the Rocky Mountains, along the line of the Canadian Pacific Railway.

The land may be described as of the same average quality as that of Manitoba and the North West Territories generally.

Last year I had occasion to speak in my report of the fertility of the Battle River district. This country has now been thoroughly explored, and the reports

fully confirm what I then stated. The land is of the best quality; poplar and spruce are found in abundance; running streams of good water are numerous; and the fine prairie openings invite settlement. As far as I can judge, the climate must be very nearly the same as in Manitoba. Several half-breed settlements have already been established along the river, and when the country is better known, it is likely to become a favorite district for settlers.

Some of the main survey lines have been extended to the Peace River country; the fifth initial meridian has been produced as far as the Athabaska River; and the sixth initial meridian and the twenty-first and twenty-second base lines have also been partly established. The latter are in the vicinity of Dunvegan, and the reports of the surveyors on the agricultural prospects of the country are very encouraging.

Town plots have been laid out at Battleford and Fort McLeod. They were very much needed.

Surveys have been made of the settlements of Edmonton and St. Albert, in the District of Alberta, and of Rat River, in the Province of Manitoba. The lands in both cases had been taken up before the transfer of the North-West Territories to the Government of Canada, and a special survey, conforming to the holdings of the settlers, had to be made.

I have procured from Lieut. A. Gordon, R. N., Assistant Superintendent of the Meteorological Service, a table of the average monthly temperatures, at the meteorological stations in Manitoba and the North-West Territories, with a view to the compilation of a map showing the comparative fitness for agricultural purposes of the different parts of the North-West Territories.

The climateric conditions necessary for the growth of plants may be put under three heads:—

1st. The rainfall must be sufficient.

2nd. The temperature must not fall much below 32° Fahrenheit during the period of growth.

3rd. The quantity of heat received during the summer must be sufficient.

Taking wheat, for instance, it is found that it will begin to grow as soon as the thermometer rises above 43° Fahrenheit. To attain maturity, it requires that the sum of the daily excesses, above 43°, of the solar temperature, shall reach a certain figure, which is the same for all countries.

Unfortunately, the data furnished by the meteorological observations are still too incomplete for a thorough investigation of the subject. A singular fact, however, is shown by the table of temperatures appended: It is that, for agricultural purposes, the climate of Winnipeg, Poplar Heights, and places in the same vicinity, is better than at Emerson, so that the climate actually improves when going north along the Red River. This is not a mere assumption, but a scientific fact, sustained by figures.

Regular meteorological observations, specially made with a view to agricultural research, would be of the utmost importance for estimating accurately the capabilities of the North-West Territories. They should consist of:

1st. Observations of rainfall, made in the usual manner.

2nd. Observations of minimum temperatures. The bulb of the thermometer should be exposed to the sky and painted green, so as to be affected by radiation in the same manner as the plants.

3rd. Observations of solar temperatures with a thermometer exposed to the sun's rays.

The work performed in the office at headquarters consists of the examination of surveyors' returns, the printing of plans, and the compilation of maps.

The township plans have been printed in the lithographic office. This office has been established in order to avoid delays in the preparation of township plans for the land agents—an important matter, as a township is thrown open to settlement only when the agent is supplied with a copy of the plan. I am happy to say that no delay in supplying the agents with copies of plans has ever occurred through the lithographic office. An average of four plans a day has been printed, and this number may be increased whenever necessary.

A map of the North-West Territories, showing the latest surveys, is now being compiled. It will be ready in April next.

The vast extent of the North-West Territories necessitates extreme precision in the survey of the main or governing lines, as otherwise the errors in accumulating would introduce serious discrepancies in the sub-division surveys. The proper execution of these governing surveys requires that they shall be performed with great care and with the best instruments that can be procured.

The first condition is met by the employment of surveyors of well known ability, who receive a daily salary, and have all their expenses paid by the Department.

I transmit herewith a schedule, showing the surveying instruments sold to surveyors, the amounts paid and cost prices; a schedule of the instruments returned to the Department, and a schedule of the instruments in stock.

It will be seen that the cost of the instruments sold during the three last years is about \$11,000. The value of the instruments in stock is about \$4,000. In addition to the above, there are a few belonging to the Department which have been lent to surveyors.

I transmit also a schedule showing the surveyors employed during the present year, the reports of surveyors which have been received up to this date, and the table of monthly temperatures furnished to me by Lieut. A. Gordon, R. N., which, I think, will prove interesting.

Meetings of the Board of Examiners for Dominion Land Surveyors were held in November, March and May, at Ottawa and Winnipeg.

The following gentlemen passed the requisite examinations, and received commissions as Dominion Topographical Surveyors:—

Thos. Drummond ..... Montreal, Que.  
 Jos. T. Dufresne..... Montmagny, Que.

Commissions as Dominion Land Surveyors were given to:—

C. A. Magrath..... Aylmer, Que.  
 W. J. Sproule..... Schomberg, Ont.  
 H. W. Selby ..... Stayner, Ont.  
 A. J. Van Nostrand..... Aurora, Ont.  
 Thos. Speight..... Township York, Ont.  
 F. Purvis..... Eganville, Ont.  
 J. S. O'Dwyer..... Granby, Que.  
 Geo. Ross..... Winnipeg Man.  
 Jos. Burke..... do do  
 A. O. Wheeler..... do do  
 M. J. Charbonneau..... St. Boniface, Man.  
 C. E. Larue..... Winnipeg, do  
 L. B. Stewart..... do do  
 John D. Stewart..... do do  
 R. E. Young..... do do  
 L. M. De Chesne..... Des Aulnets, Que.  
 E. Laberge..... Montmagny, Que.  
 I. J. Patten..... Toronto, Ont.  
 H. H. Stephens..... Owen Sound, Ont.  
 W. O. Johnston ..... Whitby Ont.  
 A. Bourgeault..... St. Jean, Port Joli, Que.  
 H. O'Donnell..... Quebec.  
 W. A. Ducker..... Port Elgin, Ont.  
 C. E. Booth..... Kingston, Ont.  
 H. M. Grandle..... Mount Forest, Ont.  
 F. M. MacLennan..... Winnipeg, Man.  
 Wm. Crawford..... do  
 R. C. Laurie..... do



L. P. De Courval.....St. Boniface, Man.  
 A. A. Balzaretti.....Quebec.  
 Jos. A. Belleau.....do  
 Jean Maltais.....Chicoutimi, Que.  
 Wm. Galbraith.....St. Mary's, Ont.

The following candidates passed the preliminary examination:—

E. T. Wilkie.....Winnipeg, Man.  
 Jos. O. C. Mignault.....Montreal, Que.  
 A. Fitzpatrick.....St. Ambroise, Que.  
 F. H. Fafard.....L'Islet, Que.  
 J. E. Foran, jun.....Eardley, Que.  
 T. S. Russell.....Winnipeg, Man.  
 T. D. Greene.....Ottawa, Ont.  
 L. R. Voligny.....Montreal, Que.  
 C. E. Church.....Aylmer, Que.  
 E. Dupuis.....Montreal, Que.  
 J. St. C. McQuilkin.....Toronto, Ont.  
 Geo. B. Klock.....Aylmer, Que.  
 Walter McDougall.....do do  
 Jno. Causley.....Ottawa, Ont.  
 Jno. W. McArthur.....Winnipeg, Man.  
 Jno. Siran.....Montreal, Que.  
 A. H. Hawkins.....Listowell, Ont.  
 E. W. Hubbell.....Brockville, Ont.  
 C. T. Symmes.....Aylmer, Que.  
 A. Driscoll, jun.....do do  
 A. Stephen.....Collingwood, Ont.  
 L. H. Chaperon.....Murray Bay, Que.  
 J. M. Biggs.....Orillia, Ont.  
 Douglas Ross.....Township of Southwold, Ont.

I have the honor to be, Sir,  
 Your obedient servant,

E. DEVILLE,  
 Chief Inspector of Surveys.

The Surveyor-General of Dominion Lands.

SCHEDULE showing Dominion Land Surveyors employed during the Year ended 31st October, 1883.

Surveyor.	Province, &c.	Description of Survey.
Abrey, G. B. ....	Little Current, Ont.	11th Base Line, from 3rd to 4th Meridian; part of 4th Meridian, and 15th Base from 4th Meridian to Range 17.
Armstrong, F. W. ....	Orillia, Ont. ....	Meridian outlines between 1st and 5th Bases, west of 4th and 5th Meridians.
Ashe, W. A., D.T.S. ....	Quebec .....	12th Base Line from Range 5, west of 3rd Meridian, to 4th Meridian; and parts of 13th and 14th Bases, east from 4th Meridian.
Aylen, Chas. P. ....	Aylmer, Que. ....	Townships 1, 2 and 3, Ranges 13, 14, 15 and 16; Township 4, Ranges 11 to 16, west of the 2nd Meridian.
Beatty, D. ....	Delta, Ont. ....	Townships 55 56, 57, Ranges 18, 19, 20, 21; Townships 54 to 57, Range 22; Townships 56 and 57, Ranges 23 and 24; Township 50, Range 26; Township 51, Ranges 25 and 26, west of the 4th Meridian.
Beatty, W. ....	do .....	Townships 45 and 46, Ranges 18, 19, 20, 21; Townships 49 and 50, Ranges 24 and 25; Township 51, Range 24, west of the 4th Meridian.
Belanger, P. R. A. ....	L'Islet, Que. ....	Meridian outlines west of the 3rd Meridian, between 7th and 8th Bases, and examination of contract surveys.
Bigger, C. A. ....	Plantaganet, Ont. ...	Examination of contract surveys.
Blake, F. L. ....	Toronto, Ont. ....	Townships 37, 38 and 39, Ranges 4 and 5; Township 33, Range 5; Townships 29 to 36, Range 6, west of the 3rd Meridian.
Bourgeault, A. ....	St. Jean Port Joli, Que.	Townships 15 and 16, Ranges 4, 5, 6, 7, 8 and 9; Township 9, Ranges 17 to 19; Township 10, Ranges 16 to 20, west of the 4th Meridian.
Bourgeois, John ....	Three Rivers, Que. ....	Townships 25 and 26, Ranges 12, 13, 14, 15 and 16; Townships 23 and 24, Ranges 1 and 2, west of the 3rd Meridian; Townships 23 and 24, Range 29, west of the 2nd Meridian.
Brabazon, S. L. ....	Portage du Fort, Que.	Townships 15, 16, 17 and 18, Ranges 19, 20 and 21; part of Township 8, Range 22; parts of Township 9, Ranges 22, 23 and 24; part of Township 8, Range 25; Township 10, Ranges 22, 23 and 24; Township 8, Range 26, west of the 4th Meridian.
Bray, Edgar. ....	Oakville, Ont. ....	9th Base Line from Range 5, west of 3rd Meridian, to Range 5, west of 5th Meridian; also, meridian outlines near 6th Meridian.
Brownjohn, T. C. ....	Grimsby, Ont. ....	Townships 13 and 14, Ranges 4, 5 and 6, west of the 4th Meridian.
Brunelle, F. E. ....	Three Rivers, Que. ....	Townships 21 and 22, Ranges 3, 4, 5, 6, 7 and 8; Townships 25 and 26, Ranges 17 and 18; Township 26, Ranges 19 to 21; Township 25, Range 21, west of the 3rd Meridian.
Burke, Jos. ....	Winnipeg, Man. ....	Townships 23 and 24, Ranges 5, 6, 7 and 8; Township 25, Ranges 5 to 11; Township 26, Ranges 7 to 11, west of the 3rd Meridian.
Burnet, Peter ....	Orillia, Ont. ....	Townships 23 and 24, Ranges 21, 22, 23, 24, 25 and 26, west of the 3rd Meridian.
Burrows, J. J. ....	Ottawa, Ont. ....	Township 22, Range 21; Townships 23 and 24, Ranges 19, 20 and 21; Township 25, Ranges 16 to 22; Township 26, Ranges 16 to 21, west of the 4th Meridian.
Caddy, E. C. ....	Cobourg, Ont. ....	Townships 43 and 44, Ranges 19, 20, 21 and 22; Townships 45 to 49, Ranges 22 and 23, west of the 2nd Meridian.
Caddy, C. F. ....	Campbellford, Ont. ....	Townships 17, 18, 19, 20, 21 and 22, Ranges 1 and 2, west of the 3rd Meridian.
Casgrain, J. P. B. ....	Quebec .....	Township 24, Range 25; part of Townships 25 and 26, Range 24; Township 23, Range 28; Townships 24 and 25, Ranges 27 and 28; Township 26, Ranges 25 to 29; Township 25, Range 29, west of the 2nd Meridian; Townships 23, 24, 25 and 26, Ranges 3 and 4, west of the 3rd Meridian.

## SCHEDULE showing Dominion Land Surveyors employed, &amp;c.—Continued.

Surveyor.	Province, &c.	Description of Survey.
Cavana, A. G.....	Brechin, Ont.....	Meridian outlines, between 10th and 11th and 11th and 12th Bases, west of 3rd Meridian.
Cotton, A. F.....	Ottawa, Ont.....	Meridian outlines, between 3rd and 4th Bases, west of 3rd Meridian.
Charbonneau, M. J.....	St. Boniface, Man....	Townships 27 and 28, Ranges 23, 24, 25, 26, 27, 28 and 29, west of the 2nd Meridian; Townships 26 and 27, Ranges 5 and 6; Townships 27 and 28, Ranges 7 and 8, west of the 3rd Meridian.
Cheesman, Tho.....	Mitchell, Ont.....	Township 17, Ranges 13 to 15; Township 18, Ranges 13 and 14; Townships 19 and 20, Ranges 13, 14 and 15, west of the 4th Meridian.
Chipman, W.....	Brockville, Ont.....	Townships 13 and 14, Ranges 6, 7, 8, 9, 10 and 11, west of the 3rd Meridian; Township 9, Ranges 23 and 24; Townships 10, 11 and 12, Ranges 24 and 25, west of the 3rd Meridian.
Crawford, N.....	Winnipeg, Man.....	Townships 15, 16, 17 and 18, Ranges 22, 23 and 24, west of the 4th Meridian.
D'Amours, J. W.....	Quebec.....	Townships 13, 14, 15 and 16, Ranges 16, 17 and 18; Townships 11 and 12; Ranges 20, 21, 22 and 23, west of the 4th Meridian.
Dawson, H. O.....	New Glasgow, N.S..	Township 20, Range 18; Township 19, Ranges 19 to 24; Townships 21 and 22, Ranges 19 and 20, west of the 4th Meridian.
Deane, M.....	Lindsay, Ont.....	Survey of Settlement of St. Albert. Township outlines between the 13th and 14th Bases, west of the 4th Meridian.
Deschesne, L. M.....	St. Roch, Que.....	Townships 13, 14, 15 and 16, Ranges 3, 4 and 5; Townships 9, 10, 11 and 12, Ranges 18 and 19, west of the 3rd Meridian.
Desjardins, C.....	Ottawa, Ont.....	Townships 13 and 14, Ranges 24, 25, 26, 27, 28 and 29, west of the 3rd Meridian; Township 9, Range, 9; Townships 10, 11 and 12, Ranges 9 and 10 and Township 12, Range 8, west of the 4th Meridian.
Donpe, J.....	Winnipeg, Man.....	Townships 37, 38, 39 and 40, Ranges 6 and 7, west of the 3rd Meridian; Townships 52 and 53, Range 3, west of the 4th Meridian.
Drummond, Tho.....	Montreal, Que.....	Part of 9th, 10th and 11th Bases, between 2nd and 3rd Meridians and part of 13th Base, between 3rd and 4th Meridians; also, part of 3rd Initial Meridian.
DuBerger, C. O.....	Murray Bay, Que....	Townships 15 and 16, Ranges 24, 25, 26, 27, 28 and 29, west of the 3rd Meridian; Townships 9, 10 and 11, Ranges 5 and 6; Townships 11 and 12, Range, 4, west of the 4th Meridian.
Dudderidge, James.....	Lachute, Que.....	Townships 21 and 22, Ranges, 18, 19, 20, 21, 22 and 23; Townships 25 and 26, Range 29, west of the 3rd Meridian; Township 25, Range 1; Township 26, Ranges 1 and 2, west of the 4th Meridian.
Dufresne, J. J.....	St. Thomas de Mont- magny, Que.....	Townships 17 and 18, Ranges 3, 4, 5 and 6; Townships 19 and 20, Ranges 5 and 6; Townships 13 and 14, Ranges 13, 14 and 15, west of the 4th Meridian.
Dumais, H.....	Chicoutimi, Que....	Sub-division of part of the Wa-wa-see-ca-pow Reserve; 9th Base Line from the 2nd Meridian to the western boundary of Range 8, and 2nd Meridian from the north boundary of Township 30, to the north boundary of Township 32; also sub-division of Township 33, Range 3, west of the 2nd Meridian.
Dumais, P. T. C.....	do .....	Townships 11, 12 and 13, Ranges 23 and 24; Township 13, Ranges 21, 22, 25 and 26; Townships 14 and 15, Range 24, west of the 2nd Meridian; Townships 9, 10, 11 and 12, Ranges 16 and 17, west of the 3rd Meridian.
Eaton, W. Case.....	Winnipeg, Man.....	Townships 41, 42, 43 and 44, Ranges 4 and 5, west of the 3rd Meridian.

SCHEDULE showing Dominion Land Surveyors employed, &c.—*Continued.*

Surveyor.	Province, &c.	Description of Survey.
Ellis, H. D.....	London, Ont.....	Meridian exteriors from the eastern boundary of Range 2, west of the 4th Meridian, to the western boundary of Range 18, between the 13th Base and the 13th Correction Line.
Pafard, Eug.....	L'Islet, Que.....	Townships 13, 14, 15 and 16, Ranges 15, 16 and 17; Townships 9, 10 and 11, Ranges 28, 29 and 30; Township 12, Ranges 29 and 30, west of the 3rd Meridian.
Fawcett, Thos., D. T. S....	Gravenhurst, Ont....	8th Base Line, from Range 8, west of 3rd Meridian to Range 9, west of 5th Meridian; 7th Base, from Range 4 to Range 8, west of 5th Meridian; 6th Base, from Range 2 to Range 6, west of 5th Meridian, also Meridian outlines west of 5th and between said bases.
Fitton, C. B.....	Orillia, Ont.....	Township 28, Ranges 17 and 20; Township 27, Ranges 17 to 22; Townships 28, Ranges 19 to 22, west of the 2nd Meridian; Townships 27, Ranges 2, 3 and 4; Township 28, Ranges 2 and 3, west of the 3rd Meridian.
Foster, F. I.....	Windsor, Ont.....	Survey of Rat River Settlement.
Francis, John.....	Winnipeg, Man.....	Townships 9, 10, 11, 12, Range 28; Townships 11, 12, 13, 14, 15 and 16, Range 27; Townships 13, 14, 15 and 16, Ranges 25 and 26; Township 14, Ranges 29 and 30; part of Townships 15 and 16, Range 30, west of the 4th Meridian.
Francis, J. J.....	Sarnia, Ont.....	Townships 22, 23, 24, Ranges 22, 23, 24; Township 25, Ranges 23 to 25; Township 26, Ranges 22 to 25; Townships 21 and 22, Ranges 25, 26 and 27, west of the 4th Meridian.
Garden, James F.....	Toronto, Ont.....	Meridian outlines between 10th and 11th Bases, west of 3rd Meridian, also between 11th and 12th bases, west of 4th Meridian.
McMillan, T. B.....	Eugenie, Ont.....	Townships 6 and 7, Ranges 17 and 18; Township 7, Range 16; Townships 9 and 10, Ranges 21, 22 and 23, west of the 2nd Meridian; Township 11, Ranges 10 to 13; Township 12, Ranges 9 to 13, west of the 3rd Meridian.
Gosselin, P.....	Quebec.....	Townships 17, 18, 19, 20, Ranges 10, 11, 12; Township 11, Range 19; Township 12, Ranges 18 and 19, west of the 4th Meridian.
Gosselin, N.....	do.....	Townships 17, 18, 19, 20, Ranges 7, 8, 9; Township 12, Range 17; Township 11, Ranges 17 and 18, west of the 4th Meridian.
Groudin, L. S. B.....	Rimouski, Que.....	Townships 11 and 12, Ranges 11, 12, 13; Townships 10 and 12, Range 14, west of the 4th Meridian.
Hart, Milner.....	St. Mary's, Ont.....	Examination of contract surveys.
Henderson, E. D.....	Hemmison, Que.....	Townships 23 and 24, Ranges 18, 19, 20; Township 25, Ranges 19 and 20, west of the 3rd Meridian.
Hermon, R. W.....	Rednersville, Ont....	Examination of contract surveys.
Hewson, T. R.....	Peterboro', Ont.....	Meridian outlines between 6th and 8th bases, west of the 4th and 5th Meridians.
Jephson, R. J.....	Bracebridge, Ont....	Townships 21, 22, 23, 24, Ranges 7, 8, 9; Townships 25 and 26, Range 8, west of the 4th Meridian.
Kains, Thos.....	St. Thomas, Ont.....	14th Base, from 5th Meridian to Range 4; 12th Base, from 5th to 4th Meridian; 10th Base, from 4th Meridian to Range 3, west of 5th Meridian; also Meridian outlines near 5th Meridian.
Kerr, Hugh.....	Annapolis, N.S.....	Townships 13, 14, 15, 16, Ranges 12, 13, 14; Township 9, Ranges 25 and 26; Townships 10 and 11, Range 26, west of the 3rd Meridian.
Kirk, J. A.....	Stratford, Ont.....	Townships 13 and 14, Range 28; Townships 15 and 16, Ranges 28 and 29; Townships 17 and 18, Ranges 28, 29 and 30, west of the 4th Meridian; Townships 17 and 18, Range 1, west of the 5th Meridian; Townships 21 and 22, Range 2, west of the 5th Meridian.

## SCHEDULE showing Dominion Land Surveyors employed, &amp;c.—Continued.

Surveyor.	Province, &c.	Description of Survey.
Klotz, O. J.....	Preston, Ont .....	3rd Base from 4th Meridian to Range 20, west; and 2nd Base, from Range 24, west of the 4th Meridian, to the 3rd Initial Meridian.
Larue, C. E.....	Quebec.....	Townships 23, 24, 25, 26, Ranges 28 and 29, west of the 4th Meridian; Township 23, Range 1; Township 24, Ranges 1, 2, 3, 4, west of the 5th Meridian.
Laurie, R. C.....	Battleford, Saskatche- wan.	Battleford Town Plot survey; Townships 39 and 40, Ranges 9, 10, 11, west of the 3rd Meridian.
Leber, Charles.....	St. Boniface, Man....	Townships 17 and 18, Ranges 27, 28, 29, 30; Townships 19 and 20, Ranges 27, 28, 29, west of the 3rd Meridian; Township 9, Ranges 10 to 14; Township 10, Ranges 11 to 13, west of the 4th Meridian.
Leber, Hector .....	St. Wencésias, Que.	Townships 37 and 38, Ranges 27, 28, 29; Townships 39 and 40, Ranges 27 and 28; Township 41, Range 27; Township 43, Ranges 27 and 28; Township 44, Range 27; Township 45, Ranges 26, 27, 28; Township 46, Range 26, west of the 2nd Meridian.
Leclerc, Charles .....	St. Jean, Port Joli, Que.	Townships 9 and 10, Range 24; Townships 13 and 14, Ranges 29 and 30, west of the 2nd Meridian; Township 12, Range 1; Townships 13, 14, 15, 16, Ranges 1 and 2, west of the 3rd Meridian.
Legendre, J. B. O.....	Somerset, Que .....	Townships 19 and 20, Range 11; Townships 21, 22, 23, 24, Ranges 9, 10, 11, west of the 3rd Meridian.
Maddock, J. A.....	Norwood, Ont .....	Meridian outlines between 7th and 9th Bases, west of the 3rd Meridian.
Magrath, C. A., D.T.S...	Aylmer, Que. ....	Parts of 13th and 14th Bases, and the 12th Base, between 4th and 5th Initial Meridians.
Martin, A. F.....	Emerson, Man .....	Townships 15, 16, 17, 18, Ranges 21, 22, 23, west of the 3rd Meridian; Townships 9, 10, 11, Ranges 7 and 8; Township 12, Ranges, 6 and 7, west of the 4th Meridian.
Michaud, J. Ls.....	Rimouski, Que.....	Township 14, Range 16; Township 15, Ranges 26 and 27; Townships 16, 17, 18, Ranges 25, 26, 27, west of the 2nd Meridian; Townships 9, 10, 11, 12, Ranges 14 and 15, west of the 3rd Meridian.
Miles, C. F. ....	Toronto, Ont.....	Meridian outlines, between 7th and 8th Bases, west of the Initial Meridian.
Murphy, F.....	Mount Forest, Ont ...	Townships 45, 46, 47, 48, Ranges 4 and 5; Townships 47, 48, Ranges 6 and 7, west of the 3rd Meridian.
McArthur, J. J.....	Aylmer, Que.....	Meridian outlines, between 12th and 13th Bases, west of 4th Meridian; also re-posting of 5th Meridian, from 11th Base to 14th Base.
McKenna, J. J.....	Dublin, Ont.....	Townships 17 and 18, Ranges 9, 10, 11; Township 19, Ranges 9 and 10, west of the 3rd Meridian.
McLatchie, John.....	Winnipeg, Man .....	Townships 17, 18, 19, 20, Ranges 1 and 2; Townships 19 and 20, Ranges 3 and 4; Township 11, Range 14, Townships 9, 10, 11, 12, Range 15; Township 9, Range 16; Townships 11 and 12, Range 16, west of the 4th Meridian.
McLean, J. K.....	Mount Forest, Ont ...	Meridian outlines, between 11th and 14th Bases, west of the 3rd Meridian.
McMartin, G. E.....	St. Andrews, Que. ...	Townships 25 and 26, Ranges 12, 13, 15; Townships 21, 22, 23, 24, Ranges 16, 17, 18, west of the 4th Meridian.
McPhillips, Geo.....	Winnipeg, Man. ....	Township 20, Range 9, west of the 2nd Meridian, and scaling River Qu'Appelle, from the point where it intersects the 5th Correction Line in Township 19, Range 5, west of the 2nd Meridian, westward.
McPhillips, R. C.....	do .....	Townships 23 and 24, Range 27; Townships 19, 20, 21, 22, Ranges 28 and 29, west of the 4th Meridian; Townships 17 and 18, Range 2; Townships 19 and 20, Ranges 1 and 2; Townships 21 and 22, Range 1, west of the 5th Meridian.
McVittie, A. W. ....	Barrie, Ont.....	Town plot, Fort MacLeod.

## SCHEDULE showing Dominion Land Surveyors Employed, &amp;c.—Continued..

Surveyor.	Province, &c.	Description of Survey.
O'Dwyer, J. S .....	Granby, Que. ....	Townships 21, 22, 23, 24, 25, 26, Ranges 4, 5, 6; Townships 25 and 26, Range 7, west of the 4th Meridian.
Ogilvie, J. H. ....	Campbellford, Ont. ....	Townships 17, 18, 19, 20, Ranges 15, 16, 17, west of the 3rd Meridian.
Ogilvie, Wm., D.T.S. ....	Ottawa, Ont. ....	5th Meridian, from Edmonton to the Athabasca River; 21st Base Line, from the 6th Meridian, westward.
O'Keefe, D. C. ....	Hamilton, Ont. ....	Townships 17, 18, 19, 20, 21, 22, Ranges 24, 25, 26, west of the 3rd Meridian.
Ord, L. R. ....	Ottawa, Ont. ....	Meridian outlines, between 11th and 12th Bases, west of the 4th Meridian.
Patrick, L. ....	Portage la Prairie, Man. ....	Townships 45, 46, 47, 48, 49, Range 24; Townships 45, 46, 47, Range 25; Township 47, Range 20; Townships 48, 49, Ranges 20, 21, west of the 2nd Meridian.
Proudfoot, H. B. ....	Clinton, Ont. ....	Meridian outlines, between 11th and 14th Bases, west of 3rd Meridian.
Purvis, F. ....	Eganville, Ont. ....	Townships 25 and 26, Ranges 9, 10, 11; Townships 21, 22, 23, 24, Ranges 13, 14, 15, west of the 4th Meridian
Rainboth, E. J. ....	Aylmer, Que. ....	Townships 19 and 20, Ranges 3, 4, 5, 6, 7, 8; Township 20, Range 10; Township 9, Range 22; Townships 10, 11, 12, Ranges 22 and 23, west of the 3rd Meridian.
Rainboth, G. C. ....	do .....	Townships 17 and 18, Ranges 3, 4, 5, 6, 7, 8; Township 20, Range 9; Townships 9, 10, 11, 12, Ranges 20 and 21, west of the 3rd Meridian.
Reid, J. L. ....	Prince Albert, Saskatchewan. ....	Township 15, Range 17; Township 17, Ranges 16, 17 and 18; Townships 18, 19, 20, Range 17; Township 15, Range 23; Township 16, Ranges 21, 22, 23, 24; Township 49, Ranges 25 to 28; Township 48, Ranges 27 and 28, west of the 2nd Meridian.
Reilly, W. R. ....	Wardsville, Ont. ....	Townships 19 and 20, Ranges 18, 19, 20, 21, 22, 23, west of the 3rd Meridian.
Robertson, H. ....	Montmagny, Que. ....	Townships 15 and 16, Ranges 6, 7, 8, 9, 10 and 11; Township 9, 10, 11, Range 27; Township 12, Ranges 26 to 28, west of the 3rd Meridian.
Ross, Geo. ....	Beaverton, Ont. ....	Townships 17 and 19, Ranges 16 to 18; Township 18, Ranges 15 to 18; Township 20, Ranges 16 and 17; Townships 11 and 12, Ranges 24 and 25, west of the 4th Meridian.
Roy, G. P. ....	Quebec. ....	Townships 17, 18, 19, 20, Ranges 25, 26, 27; Townships 23 and 24, Ranges 25 and 26; Townships 25 and 26, Ranges 26 and 27, west of the 4th Meridian.
Selby, H. W. ....	Toronto, Ont. ....	Townships 35; 36, 37, 38, 39, Range 3; Townships 40, Ranges 3 and 4; Township 37, Range 2; Townships 42 and 43, Range 2 and 3, west of the 3rd Meridian.
Sheppard, C. G. ....	River David, Que. ....	Townships 21, 22, 23, 24, Ranges 1, 2, 3; Township 25, Ranges 2 and 3; Township 26, Range 3, west of the 4th Meridian.
Simpson, Geo. A. ....	Ottawa, Ont. ....	Township 52, Range 18; Townships 53 and 54, Ranges 18, 19, 20, 21; Township 53, Range 22; Townships 55, 56, 57, Ranges 26 and 27; Townships 52, 53, 54, Range 28, west of the 4th Meridian
Sing, J. G. ....	Stratford, Ont. ....	Meridian outlines, between 2nd and 4th Bases, west of the 4th Meridian.
Sirois, J. E. ....	Kamouraska, Que. ....	Townships 15, 16, 17, 18, Ranges 18, 19, 20, west of the 3rd Meridian; Townships 9 and 10, Ranges 1 and 2; Townships 11 and 12, Range 1, west of the 4th Meridian.
Snow, J. A. ....	Ottawa, Ont. ....	Townships 21, 22, 23, 24, Ranges 10, 11, 12, west of the 4th Meridian.
Snow, J. F. ....	do .....	Townships 13 and 14, Ranges 19, 20, 21, 22, 23, 24; Townships 9 and 10, Ranges 25, 26, 27; Townships 11 and 12, Range 26, west of the 4th Meridian.

## SCHEDULE showing Dominion Land Surveyors employed, &amp;c.—Continued.

Surveyor.	Province, &c.	Description of Survey.
Starkey, S. M.....	Starkey, P. O., Queen's Co., N.B.	Townships 21, 22, 23, 24, Ranges 12, 13 14; Townships 25 and 26, Ranges 22, 23, 24, 25, west of the 3rd Meridian.
Staunton, F. H. L.....	Hamilton, Ont.....	Townships 15 and 16, Ranges 10, 12, 13, 14, 15, west of the 4th Meridian.
Stephens, H. H.....	Owen Sound, Ont....	Townships 31, 32, Ranges 9, 10, 11, 12, 13; Township 33, Range 13, west of the 2nd Meridian.
Stewart, John .....	Moosomin, Assiniboia	Townships 21, 22, 23, 24, Ranges 15, 16, 17; Townships 25, 26, Ranges 26, 27, 28, west of the 3rd Meridian.
Talbot, A. O.....	Montmagny, Que.....	Meridian outlines, between 8th and 12th Bases, west of the 2nd Meridian.
Talbot, P. C.....	do .....	Townships 17, 18, 19, 20, Ranges 12, 13, 14, west of the 3rd Meridian.
Thompson, W. T., D.T.S.	Cannington, Ont.....	Traverse from the 5th to the 6th Meridian; 6th Meridian, from the 20th to the 26th Base Line; 22nd Base Line, from the 6th Meridian to the boundary of British Columbia.
Towle, C. E.....	Lennoxville, Ont.....	Townships 13, 14, 15, 16, Ranges 1, 2 and 3, west of the 4th Meridian.
Traynor, Isaac.....	Dundalk, Ont.....	Meridian outlines, between 8th and 12th Bases, west of 2nd Meridian.
Vincent, F.....	Murray Bay, Que.....	Townships 13 and 14, Ranges 18, 19, 20, 21, 22, 23, west of the 3rd Meridian; Townships 9 and 10, Ranges 3 and 4; Townships 11 and 12, Ranges 2 and 3, west of the 4th Meridian.
Wagner, Wm.....	Ossowo, Man .....	Big Island, Lake Manitoba. Townships 21, 22, 23, 24, Range 3, east of the 1st Meridian; Townships 19, 20, 21, Ranges 3 and 4, west of the 1st Meridian.
Warren, James.....	Kincardine, Ont .....	Townships 13 and 14, Ranges 7, 8, 9, 10, 11, 12; Township 9, Range 20; Townships 8, 9, 10, Range 21, west of the 4th Meridian.
Webb, A. C .....	Brighton, Ont .....	Examination of contract surveys.
Wheeler, A. O.....	Collingwood, Ont ...	Meridian outlines, between 1st and 3rd Bases, west of 2nd Meridian, and between 3rd and 4th Bases, west of 2nd and 3rd Meridians.
Wilkins, F. W., D.T.S ...	Norwood, Ont .....	Meridian outlines, between 8th Correction Line and 10th Base, west of the 3rd Meridian.
Wolf, C. E.....	Ottawa, Ont.....	Meridian outlines, between 1st and 5th Bases, west of the 4th and 5th Meridians.

E. DEVILLE,  
Chief Inspector of Surveys.

DEPARTMENT OF THE INTERIOR,  
TECHNICAL BRANCH,  
OTTAWA, 10th November, 1883.

STATEMENT of Surveying Instruments sold to Surveyors during the Years 1880 to 1883.

Name of Surveyor.	Instrument.	Amount paid.		Cost Price.	
		\$	cts.	\$	cts.
Wm. Pearce.....	6-inch transit theodolite, D.L. pattern .....	179	00	214	80
Tom. Kains.....	do do do (old).....	130	00	214	80
J. C. Nelson.....	do do .....	220	00	220	00
Wm. Ogilvie.....	do do .....	183	33	220	00
Thos. Drummond.....	do do .....	183	33	220	00
W. T. Thompson.....	do do .....	183	33	220	00
O. A. Magrath.....	do do .....	188	33	226	00
Otto J. Klotz.....	do do .....	188	33	226	00
Edgar Bray.....	do do .....	188	33	226	00
Thos. Fawcett.....	do do .....	188	33	226	00
G. B. Abrey.....	do do .....	188	33	226	00
W. A. Ashe.....	do do .....	188	33	226	00
J. S. Dennis, jun.....	do do (old).....	100	00	200	00
G. C. Rainboth.....	5-inch transit theodolite .....	133	33	160	00
Milner Hart.....	do .....	133	33	160	00
H. C. Denny.....	4-inch transit theodolite, D.L. pattern .....	133	33	160	00
J. F. Garden.....	do do .....	133	33	160	00
F. W. Armstrong.....	do do .....	133	33	160	00
T. R. Hewson.....	do do .....	133	33	160	00
O. Desjardins.....	do do .....	133	33	160	00
A. C. Talbot.....	do do .....	26	67	164	80
A. G. Cavana.....	do do .....	110	66	164	80
J. K. McLean.....	do do .....	133	33	160	00
J. J. McArthur.....	do do .....	133	33	160	00
E. J. Rainboth.....	do do .....	26	67	164	80
R. W. Hermon.....	do do .....	110	66	164	80
A. W. McVittie.....	do do .....	133	33	160	00
Lewis R. Ord.....	do do .....	133	33	160	00
Lewis Bolton.....	do do .....	133	33	160	00
O. F. Miles.....	do do .....	133	33	160	00
A. O. Wheeler.....	do do .....	133	33	160	00
J. A. Maddock.....	do do .....	133	33	160	00
H. B. Proudfoot.....	do do .....	133	33	160	00
O. A. Bigger.....	do do .....	133	33	160	00
A. F. Cotton.....	do do .....	133	33	160	00
A. C. Talbot.....	do do .....	133	33	160	00
P. R. A. Bélanger.....	do do .....	133	33	160	00
Isaac Traynor.....	do do .....	133	33	160	00
Otto J. Klotz.....	4-inch transit theodolite, D.L. pattern .....	125	00	150	00
W. T. Thompson.....	do do .....	125	00	150	00
W. Ogilvie.....	do do .....	125	00	150	00
Thos. Fawcett.....	do do .....	125	00	150	00
Tom. Kains.....	do do .....	125	00	150	00
Sam. Lucas.....	do do .....	150	00	150	00
Thos. Drummond.....	do do .....	125	00	150	00
Edgar Bray.....	do do .....	125	00	150	00
J. C. Nelson.....	Astronomic transit.....	142	50	142	50
J. A. Maddock.....	3-inch transit theodolite .....	121	00	145	20
E. Stewart.....	Solar compass.....	190	00	210	00
Walter Beatty.....	do .....	190	00	210	00
J. C. Nelson.....	Pocket solar compass.....	84	00	84	00
W. T. Thompson.....	Abney's clinometer .....	10	00	12	00
Thos. Drummond.....	do .....	10	00	12	00
O. J. Klotz.....	do (old).....	6	00	12	00
G. B. Abrey.....	do .....	10	00	12	00
Edgar Bray.....	do .....	10	00	12	00
Chas. A. Magrath.....	do .....	10	00	12	00
Tom. Kains.....	do .....	10	00	12	00
Wm. Ogilvie.....	do .....	10	00	12	00
Thos. Fawcett.....	do .....	10	00	12	00
W. T. Thompson.....	Box sextant.....	29	17	35	00
Wm. Pearce.....	do .....	22	93	27	52



STATEMENT of Surveying Instruments sold to Surveyors, during the Years 1860  
to 1883—Continued.

Name of Surveyor.	Instrument.	Amount Paid.	Cost Price.
		\$ cts.	\$ cts.
J. C. Nelson .....	Box sextant.....	26 50	26 50
O. J. Klotz.....	do .....	22 93	27 52
O. A. Magrath.....	do (old).....	18 35	27 52
Wm. Ogilvie .....	Artificial horizon .....	17 93	21 52
W. T. Thompson .....	do .....	17 93	21 52
Wm. Pearce.....	do .....	17 93	21 52
J. C. Nelson .....	do .....	21 50	21 50
Dept. Marine and Fisheries	do .....	21 52	21 52
Wm. Ogilvie .....	Rochon's micrometer.....	27 98	33 58
J. C. Nelson .....	do .....	33 58	33 58
G. B. Abrey.....	Pocket chronometer.....	94 17	112 93
O. A. Magrath.....	do .....	94 17	112 93
O. J. Klotz.....	do .....	94 17	112 93
Thos. Drummond.....	do .....	94 17	112 93
Wm. Pearce.....	do .....	94 17	112 93
W. A. Ashe.....	do .....	94 17	112 93
Thos. Fawcett.....	do .....	94 17	112 93
Tom. Kains.....	do .....	94 17	112 93
W. T. Thompson .....	do .....	48 54	68 25
do .....	do .....	12 50	15 00
Wm. Ogilvie .....	Field glass .....	11 67	14 00
Edgar Bray .....	66 feet steel band chain.....	5 42	6 50
Wm. Pearce .....	do .....	5 42	6 50
A. C. Webb.....	do .....	5 42	6 50
John McLatchie.....	do .....	5 42	6 50
A. F. Cotton.....	do .....	5 42	6 50
do .....	do .....	5 42	6 50
Henry Carre.....	do .....	6 50	6 50
Thomas Drummond.....	do .....	5 42	6 50
J. C. Nelson.....	do .....	6 50	6 50
W. T. Thompson.....	do .....	6 90	8 28
do .....	do .....	6 90	8 28
G. U. Ryley.....	do .....	5 42	6 50
T. S. Gore.....	do .....	5 42	6 50
C. F. Miles.....	do .....	5 42	6 50
Milner Hart.....	do .....	5 42	6 50
G. C. Rainboth.....	do .....	5 42	6 50
Thomas Fawcett.....	do .....	5 42	6 50
J. G. Sing.....	do .....	5 42	6 50
C. E. Wolf.....	do .....	5 42	6 50
Tom Kains.....	do .....	5 42	6 50
Thomas R. Hewson.....	do .....	5 42	6 50
H. D. Ellis.....	do .....	5 42	6 50
J. Dudderidge.....	do .....	5 42	6 50
Michael Deane.....	do .....	5 42	6 50
Lewis R. Ord.....	do .....	5 42	6 50
C. A. Magrath.....	do .....	5 42	6 50
J. K. McLean.....	do .....	5 42	6 50
F. W. Armstrong.....	do .....	5 42	6 50
J. J. McArthur.....	do .....	5 42	6 50
C. E. Wolf.....	do .....	5 42	6 50
C. A. Bigger.....	do .....	5 42	6 50
H. C. Denny.....	do .....	5 42	6 50
H. B. Proudfoot.....	do .....	5 42	6 50
J. G. Sing.....	do .....	5 42	6 50
R. J. Rainboth.....	do .....	5 42	6 50
W. A. Ashe.....	do .....	5 42	6 50
A. C. Talbot.....	do .....	5 42	6 50
A. W. McVittie.....	do .....	5 42	6 50
P. R. A. Belanger.....	do .....	5 42	6 50
J. A. Maddock.....	do .....	5 42	6 50

STATEMENT of Surveying Instruments sold to Surveyors, during the Years 1880 to 1882.

Name of Surveyor.	Instrument.	Amount Paid.	Cost Price.
		\$ cts.	\$ cts.
F. W. Wilkins.....	66 ft. steel band chain.....	5 42	6 50
R. W. Hermon.....	do.....	5 42	6 50
Lewis Bolton.....	do.....	5 42	6 50
A. G. Cavana.....	do.....	5 42	6 50
J. K. McLean.....	do.....	5 42	6 50
G. A. Simpson.....	do.....	5 42	6 50
John Bignell.....	do.....	5 42	6 50
William Bell.....	do.....	5 42	6 50
A. G. Cavana.....	do.....	5 42	6 50
C. Desjardins.....	do.....	5 42	6 50
W. Beatty.....	do.....	5 42	6 50
E. J. Rainboth.....	do.....	5 42	6 50
A. O. Wheeler.....	do.....	5 42	6 50
Thomas Drummond.....	Steel chain.....	4 17	5 00
do.....	Steel tape.....	6 25	7 50
O. J. Klotz.....	66 ft. steel band chain (old).....	3 25	6 50
W. T. Thompson.....	100 ft. do.....	15 00	18 00
W. Pearce.....	do.....	15 00	18 00
Thomas Drummond.....	do.....	6 67	8 00
do.....	do.....	6 67	8 00
Edgar Bray.....	do.....	6 67	8 00
A. C. Webb.....	do.....	6 67	8 00
do.....	do.....	6 67	8 00
A. C. Thomson.....	do.....	6 67	8 00
O. J. Klotz.....	do.....	6 67	8 00
John McLatchie.....	do.....	6 67	8 00
J. C. Nelson.....	do.....	8 00	8 00
William Ogilvie.....	do.....	6 67	8 00
G. A. Simpson.....	do.....	8 00	8 00
O. J. Klotz.....	do.....	6 67	8 00
J. C. Nelson.....	do.....	8 00	8 00
C. A. Magrath.....	do.....	6 67	8 00
do.....	do.....	6 67	8 00
C. A. Bigger.....	do.....	6 67	8 00
Tom Kains.....	do.....	6 67	8 00
do.....	do.....	6 67	8 00
William Ogilvie.....	do.....	10 42	12 50
John McLatchie.....	do.....	9 58	11 50
A. F. Cotton.....	66 ft. steel tape.....	7 08	8 50
G. E. Wolf.....	do.....	7 08	8 50
J. C. Nelson.....	do.....	8 50	8 50
William Bell.....	do.....	7 08	8 50
John Bignell.....	do.....	7 08	8 50
H. D. Ellis.....	do.....	4 17	5 00
C. F. Miles.....	do.....	4 17	5 00
James Dudderidge.....	do.....	4 17	5 00
Lewis R. Ord.....	do.....	4 17	5 00
A. G. Cavana.....	do.....	4 17	5 00
Thomas R. Hewson.....	do.....	4 17	5 00
J. K. McLean.....	do.....	4 17	5 00
F. W. Armstrong.....	do.....	4 17	5 00
J. J. McArthur.....	do.....	4 17	5 00
C. A. Bigger.....	do.....	4 17	5 00
H. C. Denny.....	do.....	4 17	5 00
H. B. Proudfoot.....	do.....	4 17	5 00
E. J. Rainboth.....	do.....	4 17	5 00
A. F. Cotton.....	do.....	4 17	5 00
W. A. Ashe.....	do.....	4 17	5 00
J. G. Sing.....	do.....	4 17	5 00
A. C. Talbot.....	do.....	4 17	5 00
A. W. McVittie.....	do.....	4 17	5 00
P. R. A. Belanger.....	do.....	4 17	5 00

STATEMENT of Surveying Instruments sold to Surveyors, during the Years 1880 to 1883—*Concluded.*

Name of Surveyor.	Instrument.	Amount Paid.	Cost Price.
		\$ cts.	\$ cts.
J. A. Maddock .....	66 ft. steel tape .....	4 17	5 00
F. W. Wilkins .....	do .....	4 17	5 00
R. W. Hermon .....	do .....	4 17	5 00
Lewis Bolton .....	do .....	4 17	5 00
C. Desjardins .....	do .....	4 17	5 00

DEPARTMENT OF THE INTERIOR,  
TECHNICAL BRANCH,  
OTTAWA, 9th November.

E. DEVILLE,  
*Chief Inspector of Surveys.*

SURVEYING Instruments returned to the Department of the Interior, with Payments made for use of the same.

Name of Surveyor.	Instrument.	Amount Paid.	Cost Price.
		\$ cts.	\$ cts.
A. C. Talbot .....	4-inch Transit Theodolite .....	26 67	160 00
E. J. Rainboth .....	do do .....	26 67	160 00
A. F. Cotton .....	Abney's Clinometer .....	2 00	12 00
Henry Carre .....	66 feet steel tape .....	1 42	8 50

DEPARTMENT OF THE INTERIOR,  
TECHNICAL BRANCH,  
OTTAWA, 9th November, 1883.

E. DEVILLE,  
*Chief Inspector of Surveys.*

## SURVEYING Instruments in Stock at Ottawa.

Zenith Telescope, 32 inches.	3-inch Prismatic Compass.
Astronomical Transit, 30 inches.	Steinheil's Prismatic Circle.
do do	Rochon's Micrometer.
10-inch Transit.	Abney's Clinometer (new.)
8-inch Transit Theodolite.	do do (old.)
7 do do	Pedometer.
7 do do	Aneroid Barometer.
6 do do	Fine Thermometer.
6 do do	do
6-inch Transit Theodolite, D. L. pattern.	Box Chronometer, Dent.
6 do do do	Pocket Chronometer, Frodsh am.
6 do do do	do do Jones.
6 do do do	do do Jones.
4 do do do	do do Jones.
4 do do do	66-foot Steel Band Chain.
4 do do do	66-foot Steel Tape.
Solar Compass.	10-foot Rod.
Solar Theodolite.	3 do
Y Level.	3 do
4-inch Exploring Compass.	Sliding Rule.
4 do do	Calculator.

E. DEVILLE,

*Chief Inspector of Surveys.*

DEPARTMENT OF THE INTERIOR,  
TECHNICAL BRANCH,  
OTTAWA, 9th November, 1883.

## MONTHLY Mean Temperature at Stations in Manitoba, North-West

STATION.	Latitude.	Longitude	Height above Sea.	No. of Years.	January.	February.	March.
	° ' "	° ' "	feet.		°	°	°
Port Arthur.....	N. 48 27	W. 89 12	.....	4	9.3	11.4	24.0
Kalmar.....	49 45	94 58	1,220	1	-6.2	20.2	6.0
Ingolf.....	.....	.....	.....	1	8.9	23.7	.....
Fort Alexander.....	50 38	96 20	730	1	.....	.....	.....
Wabigoon.....	.....	.....	.....	1	-9.5	2.1	13.9
Gimli.....	50 37	96 58	720	2	-0.8	4.3	12.1
St. Andrews.....	50 50	97 00	.....	1	-14.9	-4.5	7.5
Winnipeg.....	49 53	97 70	764	10	-5.0	-1.7	9.4
Stony Mountain.....	50 50	97 12	803	5	-1.8	3.9	17.3
Poplar Heights.....	50 40	97 47	.....	5	-1.4	4.3	15.5
Minnedosa.....	50 14	99 47	1,766	2	-2.5	6.7	8.8
Emerson.....	49 10	97 13	784	(2)	9.5	23.9	35.6
Rapid City.....	50 07	100 00	.....	2	-4.1	5.2	16.0
Oak Lake.....	49 45	100 35	1,386	1	-14.0	-2.9	11.2
Shoal Lake.....	50 23	100 38	.....	1	6.5	19.1	33.1
Swan River Barracks.....	51 52	101 57	.....	2-3	-10.5	13.8	2.6
Battleford.....	52 41	108 30	.....	2	3.0	16.1	19.0
Fort Walsh.....	49 32	109 51	.....	1	.....	.....	.....
Fort Macleod.....	49 39	113 12	.....	3	19.4	25.7	25.1
Calgary.....	50 55	113 45	.....	1	.....	1.6	10.0
Edmonton.....	53 31	113 38	.....	3	6.1	8.1	22.2
Fort Dunvegan.....	56 00	118 20	2,088	3	-6.4	2.0	16.3
Spencer Bridge.....	50 25	121 30	760	7	19.9	30.1	39.3
Lilloet.....	50 42	122 20	690	2	21.8	28.9	40.7
Soda Creek.....	52 20	122 19	.....	1	.....	.....	.....
New Westminster.....	49 12	122 53	33	6	33.9	35.9	42.1
Ladners Landing.....	49 60	123 40	.....	1-2	31.8	37.6	43.7
Esquimalt.....	48 26	123 27	42	5	37.5	41.0	42.8
Stuart's Lake.....	54 11	124 40	1,800	1	21.1	24.9	34.3
Fort Rae.....	62 40	115 10	.....	1-2	-22.1	-26.8	-20.8

Territory and British Columbia, by Lieut. A. Gordon, R. N.

April.	May.	June.	July.	August.	September.	October.	November.	December.	Year from which derived.	Toronto—Difference from average of 40 years.
36.6	47.6	56.8	65.4	63.4	52.8	42.0	23.6	9.9		
32.5	55.8	53.3	67.1	63.2	53.8	36.9	23.6	24.4	1877	+1.90
37.6	52.3	60.3		66.7	48.2	34.9	30.8	8.6	1878	+2.89
31.6		58.4	65.4	57.7	50.1	35.5	5.5	-1.9	1878-79	+1.42
31.9	47.9	60.9	63.9	62.6	50.1	40.8	20.2	-5.9	1880-81	+1.54
32.8	46.3	59.1	64.0	66.2	55.1	41.2	20.7	-1.0	1882-83	+1.22
34.1	52.7	61.3	66.9	61.0	51.3	37.8	16.6	3.7		
36.9	52.3	62.8	67.5	65.4	51.5	39.5	20.7	-0.2		
34.2	52.6	62.8	65.5	64.8	52.3	38.4	18.0	5.1		
28.6	47.6	57.2	63.1	63.1	50.5	34.2	15.3	6.3		
45.5	47.1	59.3	68.5	63.3	52.7	36.7	29.0	16.9		
31.8	49.7	58.5	63.1	67.8	55.7	39.5	19.4	5.8		
35.2	51.4	62.0		67.6	54.3	39.0	20.8	3.2	1882-83	+1.22
43.8	47.3	66.2					30.7	8.6	1878	+2.89
33.5	51.5	59.2	67.2	60.1	48.3	35.1	-0.2	-0.7	1875-76-77	-3.43
41.2	50.9	59.1	65.0	68.2	46.9	33.2	19.8	11.0		-0.22
42.5	53.2	57.0	60.2	58.8	49.0	41.2			1876	-0.22
36.7	51.8	61.1	67.1	64.3	54.6	41.0	27.2	25.9		
38.1	49.1	61.0	59.6	53.5	47.2	36.1	15.0	21.2	1876	-0.22
36.8	49.1	56.9	60.8	57.6	48.1	36.2	21.0	6.6		
50.9	50.2	57.5	58.9	55.6	45.2	31.4	14.1	-4.9		
47.4	59.3	64.9	71.1	70.9	60.3	49.5	31.0	28.0		
	55.6	64.2	67.7	66.9	56.6	42.4	33.7	30.3		
	54.6	62.7		59.8	45.8	40.7	32.3	23.4	1882	+1.32
47.4	52.8	57.9	60.9	60.4	54.9	47.0	39.6	36.2		
48.8	52.6	57.6	58.9	58.8	55.8	46.6	41.2	32.9	1879-80	+0.53
48.2	52.3	56.6	59.6	58.3	56.8	49.0	44.0	41.9		
38.0	49.2	53.2	57.3	58.2	47.1	33.5	30.8	18.2	1878	+2.89
7.5	37.6	52.7	64.7	68.6		23.1	-14.7	-30.8	1875-76	-3.43
										-0.22

## REPORT OF THE INSPECTOR OF SURVEYS.

OTTAWA, 30th December, 1884.

SIR,—I have the honour to submit the following Report of my operations during last summer, in superintending the surveys in the North-West Territories.

Under your instructions, I left Ottawa on the 24th March, and went to Winnipeg, at which place the surveyors employed under daily pay were to report to me on the 2nd April.

I had previously made arrangements for the thorough repairing of their carts, harness, and other articles of outfit, and consequently, as soon as they had purchased their supplies in Winnipeg, they were enabled to proceed at once by rail with their parties to Moose Jaw. The spring being somewhat later than usual, the parties had to remain at that place a few days, but the great expense caused in 1882 by the delay of the survey parties in Winnipeg was this year avoided. They remained in camp at Moose Jaw at comparatively small expense, and were able to start out for their work at the first appearance of spring, as soon as the grass was long enough to permit of travelling with horses.

The arrival of large numbers of contract surveyors during the month of May, made it necessary for me to remove my office to Regina, and shortly afterwards to Moose Jaw, in order that I might see to the distribution of the iron section posts needed for their work, and also allot additional townships to those surveyors who, on their arrival in the field, found their contracts insufficient.

Removing to Medicine Hat as soon as the railway was completed to that place, I remained there during the rest of the season. I had a small house built, and was thus able to carry on the necessary correspondence and other office work without the difficulties unavoidable when working in tents.

Previous to your arrival in Medicine Hat, on 1st August, I had allotted 375 townships to contract surveyors. The total number of letters, telegrams, &c., sent during the whole season was 710.

Contracts were let for the wintering of the survey horses at two places, near Moose Jaw, and near Calgary, the surveyors being instructed to leave their horses and outfit at whichever depot was nearest to their work. On account of the completion of the railway, these contracts were let at much more favourable rates than last year.

These places, Calgary and Moose Jaw, are most convenient starting points for future surveys, the first being the nearest point on the railway to Battle River, Edmonton, Peace River, &c., and the other a convenient point for the whole central region of the North-West.

A mail service was established to keep up communication with the various survey parties in the field. Eleven men were employed on this service, this large force being rendered necessary by the extent of country covered by surveying operations, and the absence of a postal service throughout the central part of the Territories.

Next year, owing to the limitation and concentration of the surveys, a force of mail carriers will probably be unnecessary.

Besides the immense extent of territory sub-divided, the Base Line surveys have been completed, and the Township Outline Surveys nearly so, throughout the whole prairie region south of the North Saskatchewan.

The method adopted of running the Base Line through from one Initial Meridian to the next without check, has worked well. By it, the block surveyors have been enabled to largely increase their mileage. The use of the check chain and numerous azimuth observations, have resulted in a degree of accuracy which, judged by the closings on the Initial Meridians, seems not inferior to that formerly obtained under the system of check closings at every twenty-four mile block.

The running of Meridians only, by the township outline surveyors, has also been found to largely increase their mileage. The leaving of the east and west township sides to be run by the sub-dividers is considered by them an advantage.

These surveys have greatly increased our knowledge of the topography and natural resources of the Territories, and the reports of the surveyors give further proof of the great fertility of the immense plain lying between the north and south branches of the Saskatchewan River, and especially of that portion of it lying along and north of the Battle River.

I have the honour to be, Sir,  
Your obedient servant,

W. F. KING,  
*Inspector of Surveys.*

The Chief Inspector of Surveys.

EXTRACT FROM THE REPORT OF SURVEY BY S. KAINS, D.L.S., OF THE 10TH AND 12TH BASE LINES, BETWEEN THE 4TH AND 5TH INITIAL MERIDIANS; ALSO, PART OF THE 10TH BASE LINE AND MERIDIANS WEST OF THE 5TH INITIAL MERIDIAN. SURVEY OF STANDARD PARALLELS.

*Description of the Country on the 12th Base, Between the 5th and 4th Initial Meridians.*

Range 28.—This range consists of three sections, 23–83rd, and the country is partially covered with small poplar, from 2 to 6 inches in diameter, and interspersed with scattered clumps of spruce, together with muskegs and swamps.

Ranges 27 and 26.—The Battle River crosses the base in Section 31, Range 27, and runs in a south-easterly direction in a bed, heavily fringed with willows, at the bottom of a valley, 75 feet deep and about one-half mile in width. Along the slopes of this valley numerous clumps of spruce are scattered. This range, together with Range 26, is undulating country, thickly timbered with small poplar from 2 to 8 inches in diameter, and dotted with clumps of spruce, which become more frequent, while the timber increases in size, as the east limit of Range 26 is approached. Numerous muskegs are met with, and though narrow, extend long distances north and south of the base line.

Range 25.—The country slopes gradually to Bear Creek, which crosses the base in Section 32, Range 25, and at the time the line was projected, was an angry stream about 40 links wide, completely filled to the top of its banks, and emptying its waters into Bear Lake, situate about 4 miles north in Township 45. After leaving this stream, the country gradually rises towards the east to the middle of the range, and shows signs of having been in the near past overrun by fire, as there are lying on the ground quantities of burned logs, with scattered clumps of standing dead timber, while the whole is overgrown with small willows, interspersed with patches of fine, live spruce and poplar. Country, of an undulating nature, is then crossed, extending one and a-quarter miles, and forming the top of the Bear Hills. It then gradually descends towards the east, and is covered with a growth of very fine spruce and poplar timber, suitable for building and other purposes.

Ranges 24 and 23.—The soil is generally first-class. The country is slightly undulating, with patches of willows and numerous ponds and swamps, in the vicinity of which beds of alkali were noticed. The base line in Range 24 passes through the Roman Catholic Church belonging to the Bear Hill Indians, and is crossed by the Bow River and Bear Lake trails. As we proceed east, across Range 23, the willow clumps and poplar bluffs are much more numerous, and a greater number of ponds and swamps are met with. Battle River crosses the base in Section 36, Range 23, and runs north-easterly in a bed, one chain wide, at the bottom of a valley, containing some fine building timber, 34 chains wide, and 75 feet below the surface of the adjoining country.

Ranges 22 and 21.—Rolling and rising country is met with in Range 22, and continues to undulate in long slopes across Range 21. The land is of first-class quality, although occasional patches of stone and gravel are noticed. Thick willows



and grass swamps are dotted over the country, while a few scattered bluffs of small poplar, very dense in places, are encountered.

Ranges 21 and 22.—Proceeding northward on the Meridian between Ranges 20 and 21, across Townships 45 and 46, the land, which is of a first-rate quality, is undulating, and contains ponds, swamps and willow clumps, which become thicker on the north side of the Battle River. This stream, running in an easterly direction, is crossed in Section 12, Township 46. At this point it is about 120 links wide, and runs in the bottom of a valley, one-half mile wide, and from 80 to 90 feet below the surface of the adjoining country. Some very fine spruce timber is found on the south bank of the river, and a number of half-breed settlers have been located in the neighbourhood for years. The direct trail from Red Deer Forks to Edmonton crosses the river near the Meridian, and by means of a ferry made of hollowed logs and connected by a platform, travellers are enabled to pursue their journey without loss of time.

Range 20.—This range is similar to Range 21. The country rises toward the middle of the range, and then as gradually falls again. The above-mentioned cart-trail crosses the base in Section 34.

Range 19.—Battle River crosses the base in Section 31, Range 19, and, having widened out into a lake, completely fills the whole valley. This lake extends north of the base some 6 or 7 miles, about the same distance south of it, and has a width of about one-half mile. The hills leading down to the lake are about 90 feet high. On the west side some good poplar, of fair size, was noticed. The balance of the range is undulating country, having first-class soil, and contains ponds and swamps, clumps of willows, and some poplar bluffs, the timber of which is of fair size.

Range 18.—In the immediate vicinity of the base, the country is hilly and knolly, and extends easterly to the middle of the range, but does not seem to reach any great distance toward the north, as beautiful, undulating country was noticed from the tops of some of the knolls. Leaving this hilly part, we enter a more open country, dotted with a few scattered poplar bluffs and numerous ponds and swamps, the latter fringed with willows. A large marsh, terminating to the south in a creek, and flowing south-west to Battle River, is crossed in Section 36.

Range 17.—A cart-trail, running to Red Deer Forks, crosses the base in Section 31 of Range 17. The country is generally level, with numerous ponds and swamps, bordered by willows, while scattered poplar bluffs of small-sized timber are met with frequently. The soil of this range, and of Range 18, has been marked of first quality.

Range 16.—The country rises slightly to the east, and contains a great many swamps, large ponds and numerous clumps of willows, with a few poplar bluffs. The supply of timber is not large, and the dimensions of it too small to be of any use for building purposes, although suitable for fuel and fence rails.

Range 15.—The land, which falls gradually towards a large lake that crosses the base in Sections 34, 35 and 36 of this range, is of a first rate quality, and is interspersed with willow clumps, small poplar bluffs and patches of excellent prairie land. The lake extends some 2 miles south of the base, and probably 8 or 10 north of it. Scattered along its shore, bluffs of poplar are frequent. Its outlet is near the township bar, between Ranges 14 and 15, and the stream, after crossing the base twice, flows southward, probably into Battle River.

Range 14.—Clumps of willow and small poplar are dotted over an undulating country, which, towards the east side of the range, changes into partially first-class prairie land. A cart-trail crosses the base in Section 36, but has the appearance of being little used.

Range 13.—Undulating prairie is met with in this range, which, towards the east side, becomes more rolling. A few grass swamps and ponds are noticed, and a considerable creek was crossed in Section 35, the waters of which run in a southerly direction. The soil, though gravelly in some places, with boulders of small size, is generally first-class.

Range 12.—This range is similar to the last, but with slightly more timber, and a better quality of soil.

Range 11.—Undulating country, broken by ravines containing unconnected alkaline lakes. A few poplar bluffs are met with in this range.

Range 10.—The whole range is broken by a large ravine and its branches. The sides of this ravine are, for the most part, sloping and in places are thickly dotted with poplar of fair size. Its average depth below the adjoining country is about 100 feet, and numerous ponds of strong alkaline water are scattered throughout its bottom. The soil of this, and of the preceding range, is sand and clay loam, but stony in certain places.

Range 9.—This range is inclined to be hilly, with numerous basins of water, which are not so plentiful as we approach its east boundary. Scattered clumps of poplar are met with, and timber is seen both north and south of the base. The soil is clay loam, easily worked and of first-class quality.

Range 8.—This whole range, with the exceptions of Sections 31 and 36, is broken by the valley of Battle River. This valley, which is three-quarters of a mile in width, is timbered rather heavily in certain places. The river runs in a sandy bed, 2 chains wide, with a swift current, and is 175 feet below the surface of the adjoining country. The water flows to the north; crosses the base in Section 32; twists to the south in Section 34; and finally flowing in a northerly direction, intersects the base near the line between Sections 34 and 35.

Range 7.—The base in this range passes over a hilly and knolly country, almost covered with a growth of short, stunted poplar, generally rotten at the heart, and unfit for building or other purposes. The soil is sandy and rates third-class.

Range 6.—As we proceed east, the country improves, and we find a growth of grey willows and small poplar scattered over it. The last section and a-half is open prairie, with alkaline spots, but generally the soil is of a first-class quality, being black loam with a clay sub-soil.

Range 5.—The land in this range is at first rolling, with scattered clumps of poplar, but eastward it becomes very broken and hilly. Numerous ponds and basins of water are met with lying among the hills. All of the latter are more or less heavily timbered. The soil in the bottoms is first-class, but that on the hills is inclined to be light and sandy.

Range 4.—Hilly and knolly country, and continues so across the range, which in the centre is much broken up by large ponds, surrounded by a fair growth of good sized poplar.

Range 3.—In this range undulating to rolling land is met with. There are numerous poplar bluffs, a few ponds and several swamps. The soil is clay and clay loam of a first-class quality.

Range 2.—Country similar to that of the last extends across this range, but is not quite so rolling, and the soil is more sandy. Poplar bluffs are frequent and of considerable magnitude, but the timber, although from four to eight inches in diameter, is rotten at the heart, and unfit for building purposes.

Range 1.—A deep ravine, containing a considerable creek, crosses the base in Section 31, and after running easterly for half a mile, turns northward and joins Battle River about 2 miles to the north. The creek runs in a stony bed, about 60 links wide, with a rapid current, at the bottom of a ravine 100 feet deep, along the slopes of which patches of small spruce, scattered among the poplar bluffs, were noticed. Travelling eastward, the country becomes rolling, with scattered poplar bluffs, which gradually disappear as the 4th Initial Meridian is neared. The soil is first-class, and well adapted for farming purposes.

On account of the great depth of snow last winter, the numerous ponds and swamps found along this base were very full, the usual fringe of willows surrounding them being found standing in water 2 to 4 feet deep. This not only made it very disagreeable for the axemen, but curtailed a large amount of triangulation work. In consequence, progress was materially retarded. The soil throughout this base is generally of a first-class quality, and compares favourably with that of the Turtle Mountain, the Souris, or Qu'Appelle districts, while the timber, especially that in

the vicinity of the Battle River, is more plentiful, and better adapted for building purposes.

NOTES ON THE 10TH BASE, BETWEEN THE 4TH AND 5TH INITIAL MERIDIANS.

Range 1.—The intersection of the 10th base with the 4th Initial Meridian occurs on the northerly slope of high hills, which follow the base for 1 mile. These hills gradually swing off to the south-west. The first half of the range is rolling country, with clay loam and clay sub-soil; the balance is composed of sand, with stone on the knolls. In Section 31, there is a considerable quantity of small poplar.

Range 2.—The first 2 miles of this range are broken and hilly, after which there is gentle undulating prairie with a sand loam soil, a few grass swamps, and patches of stone scattered throughout. A range of high hills, running in a westerly direction, is noticed about 4 miles south of the base.

Range 3.—Almost level prairie, interspersed with grass swamps and lakelets. Soil rather sandy and marked second and third-class.

Range 4.—The base crosses in this range the two horns of crescent-shaped Scunding Lake. The first arm of this lake is  $1\frac{1}{2}$  miles wide; the second is nearly three miles in width, while the Peninsula between them has a width of  $1\frac{1}{2}$  miles. The water, which is of an alkaline nature, reaches some 4 or 5 miles north of the base, and is surrounded by a hilly country, containing a considerable quantity of fair sized poplar. The arms of the lake extend south of the base about 2 miles. The easterly arm terminates in a large creek flowing north into the lake, while the outlet, Eye Hill Creek, is situated about 20 chains north of where the base line first strikes the easterly shore. This last mentioned creek flows easterly, keeping from 1 to 3 miles north of the base to the middle of Range 1, when it turns north-easterly, and crosses the 4th Initial Meridian in Township 38.

Range 5.—Soon after leaving Scunding Lake, we pass over rolling and rising country, inclined to be hilly in many places. At the township bar, between Ranges 5 and 6, the highest point of land is attained, and being some 200 feet above the lake, a large portion of the surrounding country can be seen. The view to the north is obstructed by a range of high hills, running westerly, and which form part of the range over which the base passes.

Range 6.—The country descends to the west, and is very much broken. Sections 35 and 36 are cut up by deep ravines, containing, in patches, a thick growth of poplar of fair size. The middle of this range is undulating country, becoming hilly as we approach its west boundary. Scattered stone is seen on the knolls, and basins of water between the hills.

Range 7.—Country similar to that just described is met with in this range, although it may be a little more broken by hills and ponds. The soil of Ranges 4, 5, 6 and 7 is second-class, but frequently patches of excellent land are met with.

Range 8.—Land in this range not so hilly, and the soil is generally first-class. The Nose Hills come within 1 mile of the base, at the township bar, between Ranges 8 and 9, and extend north-easterly and north-westerly for a long distance among ravines. Wood was frequently seen.

Range 9.—Undulating prairie, cut up by deep ravines, in the bottoms of which small creeks flow, and eventually find their way into Battle River. Some good poplar is found in the ravines, on occasional bluffs, and is met with on the open prairie. Soil, first and second-class.

Ranges 10, 11, 12, 13 and 14.—These ranges form a beautiful stretch of open, undulating prairie, interspersed with ponds and grass swamps, with occasional alkaline spots. For the most part the soil is first-class, although here and there spots of second-class land are met with. The trail from Red Deer Forks to Edmonton crosses the base in Range 14.

Range 15.—The base in this range crosses the north end of Sullivan's Lake, which extends 2 miles north, and terminates in a creek stretching away far beyond the limit of sight. The water being muddy and strongly impregnated with

alkaline matter, is unfit for use. The outlet is probably into Red Deer River, to the south. Fine samples of lignite were noticed on the east shore, but the soil in the immediate vicinity of the lake is of poor quality and is rated third-class.

Ranges 16 and 17.—Undulating to level prairie, which extends to the western boundary of Range 17. A few grass swamps are met with. Soil, generally first-class.

Range 18.—Undulating to rolling prairie, with scattered bluffs of poplar near the centre; these bluffs extend and become more plentiful towards the north. Soil, clay or sand loam, with clay sub-soil. Rated first-class.

Range 19.—First 2 miles, hilly and broken by numerous ponds and basins of water. Undulating prairie, with a few grass swamps and ponds scattered over its surface, is then met with. A large lake, extending about 2 miles north and one and a-half miles south of the base, is crossed in Section 31 and part of 32. Poplar and willow of small size are found. Soil, first and second-class.

Range 20.—Hilly country, much broken by ponds and swamps. Poplar bluffs of small timber and clumps of grey willow are numerous. The base passes near the south end of a lake, which extends 4 or 5 miles north, and is from 40 chains to a mile in width.

Range 21.—The country continues to be very hilly, and is much broken by ponds, which are very deep and are fringed with a dense growth of poplar and willows. At the centre of the range the land falls slightly towards Red Deer River, and is almost covered with small poplar and willows. The soil of Ranges 20 and 21 is first-class, supporting a heavy growth of grass, besides immense quantities of pea-vine.

Ranges 22 and 23.—The Red Deer River crosses the base, and runs southward, near the line between Sections 35 and 36. The water of the river is very clear, the current swift and the bottom stony. The river is 4 chains 70 links wide, 6 feet deep, and flows in the bottom of a valley 200 feet below the level of the surrounding country. Quantities of spruce and birch, besides poplar of ordinary size, are found on both slopes of the valley. The hills at this point are very steep, compelling our party to make a considerable detour to the north, in order to effect a crossing. Leaving the Red Deer River, rolling and slightly rising country is met with, and extends to the line between Ranges 22 and 23. The country continues to be rough and rolling and broken by numerous ponds and swamps. Poplar and willow are thickly scattered over the surface. The soil, which is composed of vegetable mould, is ranked first-class. A cart-trail to the old barracks of the Mounted Police, situated on Red Deer River, about 10 miles north, crosses the base in Section 36, Range 23.

Ranges 24 and 25.—Rolling country prevails across these ranges. In certain localities it is hilly, with good soil; in others, the soil is sandy, supporting a poor class of vegetation. Poplar bluffs, with ponds and swamps, fringed with willows, are frequent. The poplar is of fair size, and the bluffs are of considerable magnitude. Soil of these ranges is first and second-class.

Range 26.—The first part of this range is rather open country, with a few ponds and swamps. High buttes and ridges, the slopes of which are covered with a dense growth of poplar, from 4 to 8 inches in diameter, are met with. Vegetable mould, supporting a heavy growth of grass and pea-vine, is the character of the soil, but the country is rather too hilly to be marked first-class farming land.

Range 27.—Rough, hilly country, with poplar and willow bluffs, continues throughout the greater part of this range. As we approach the west boundary, the country becomes more open. Soil, first-class.

Range 28.—For the first 3 miles, the country is open, with scattered willows. Red Deer River crosses the base and runs northward in Section 32, while the Bow River trail intersects it near the middle of the range. The river bed is 4 chains wide, is stony, and the water flows with a swift current. The sides of the valley slope to about 100 feet below the surface of the surrounding country. Along the river banks, fine spruce and poplar grow. This range is not quite full, the last quarter-section joining the 5th Initial Meridian, being 30c. 97l., exclusive of the road allowance along the Meridian.

The character of the soil along this base, although not of the same excellence as that found along the 12th base, is good and well adapted for farming purposes. Wood is not so plentiful, nor is it of such magnitude as that met with farther north; yet a sufficient quantity exists to meet, at present, the demands of settlement.

#### TENTH BASE LINE WEST OF THE FIFTH INITIAL MERIDIAN.

Range 1.—This range is almost covered with a growth of small willows, among which clumps of poplar are seen. The country is open towards the west side of the range. Soil, rather light and rated second-class.

Range 2.—In this range Medicine Creek, which runs south, and crosses the base near the line between Sections 34 and 35, has a stony bottom, a swift current, and is about 1 chain wide. Willow predominates in this section of the country. Poplar is found in clumps toward the west side of the range. Soil, second and third-class.

Range 3.—For the first  $2\frac{1}{2}$  miles, willows predominate, with scattered clumps of poplar. Thick poplar brush, of recent growth and small dimensions, is then met with. As we travel west, the timber increases in size, and we find clumps of fair-sized spruce. Muskegs of various widths, and extending long distances north and south of the base, occur near the west limit of the range. These muskegs are generally surrounded by a dense growth of poplar, interspersed with clumps of knotty spruce, from 10 to 24 inches in diameter, and are so spongy that it is frequently impossible for a man to walk over them without falling through the surface.

#### MERIDIAN BETWEEN RANGES 2 AND 3, WEST OF THE 5TH INITIAL MERIDIAN, ACROSS TOWNSHIPS 35, 36, 37 AND 38.

Township 35.—Is broken by the Red Deer River, which crosses the Meridian near the line between Sections 24 and 25. The country on the south side of the river is hilly, and contains some poplar, with scattered clumps of spruce. North of the river the country is undulating, with a dense growth of poplar and willow scattered over its surface. Medicine Creek crosses the Meridian, running in a south-easterly direction, near the quarter post in Section 24, Township 38. Generally first-class soil is met with along this Meridian.

The Meridian between Ranges 1 and 2, west of the 5th Initial Meridian, is considerably broken in Township 35 by the valley of Little Red Deer River, while the south half of Township 36 is cut up by the Red Deer River and Medicine Creek. Some fine patches of spruce and poplar are met with in the vicinity of the above streams, but as the country rises to the north, no timber of any consequence is found until we reach the middle of Township 37. Undulating land, thickly dotted with large clumps of poplar and patches of spruce, continue to the north limit of Township 38. A number of settlers have this year taken up land in Township 35, in the vicinity of the Little Red Deer River, but owing to the lateness of their arrival, their crops were not at all satisfactory. The soil in the townships along this Meridian is first and second-class, and is of better quality in the neighbourhood of the streams than farther north.

The south half of Township 35, on the Meridian between Ranges 27 and 28, west of the 4th Initial Meridian, is heavily timbered with poplar of fair size. Undulating country, with scattered clumps of poplar and willow, continues northward to the Red Deer River, which crosses the Meridian in Section 13, Township 38. The remainder of the last-named township is rather heavily wooded with poplar. In the vicinity of the river, clumps of fine spruce were noticed. The Bow River trail crosses this Meridian at the post between Sections 24 and 25, Township 38. Quite a settlement is found in Townships 37 and 38, Range 28, in the vicinity of the Red Deer River and Bow River trail. Soil, generally first-class.

The north part of Township 35, on the Meridian between Ranges 26 and 27, west of the 4th Initial Meridian, is rather heavily timbered, and as we pass northward over Township 36, the country becomes rough and hilly, and is almost covered by a growth of fair sized poplar.

Township 37 and the south half of 38 is comparatively open, undulating country, with scattered clumps of poplar and willow. The balance of Township 38 is heavily timbered with poplar, from 4 to 10 inches in diameter.

The soil of this Meridian is generally first class, with occasional patches of second and third class land.

EXTRACT FROM THE REPORT OF SURVEY BY EDGAR BRAY, D.L.S., OF THE 9TH BASE LINE, FROM RANGE 5, WEST OF THE 3RD MERIDIAN, TO RANGE 4, WEST OF THE 5TH INITIAL MERIDIAN, ALSO, TOWNSHIP OUTLINES WEST OF THE 5TH INITIAL MERIDIAN.

Commencing at the north-east corner of Township 32, Range 6, west of the 3rd Initial Meridian, and going west along the 9th base line, the first mile is good sandy loam land. In Sections 34 and 35, the line crosses the south branch of the Saskatchewan River, which is here divided by islands into three distinct channels, and (including islands) is nearly a mile in width. The soil near the river and on the islands is a poor, light sand, and is covered with a dense brush of willow and poplar. The remainder of Range 6 is a rolling prairie, with good soil.

The easterly half of Range 7 is poor, being sand ridges, mostly covered with poplar and willow. The westerly half of this range is rolling prairie, of fair quality.

Excepting some sand ridges in Section 36, Range 8 is gently rolling prairie. Soil good.

In Ranges 9, 10, 11 and 12 the land is generally only slightly rolling, and the soil is of a very superior quality. A lake is crossed in Sections 34 and 33, Range 10, which extends about 5 miles south of the line. Eagle Hill Creek is crossed near the centre of Range 12. The water in this creek is slightly alkaline.

The easterly half of Range 13 is similar to the preceding four ranges, but the westerly half can only be ranked as second-class.

Sections 36 and 35, in Range 14, are rolling and brushy. The soil is not good, being sandy, but for the remainder of the range it is fair. The last section is hilly. In this range the line rises by an easy ascent to the Eagle Hills.

Ranges 15 and 16, are hilly prairie, with good soil and abundant pasturage.

In Ranges 17 and 18, we pass over a rolling prairie with a second-class soil. In the westerly section of Range 18 and easterly section of Range 19, the line crosses Tramping Lake near its southern extremity. The outlet, Eagle Hill Creek, flows from the southern end of this lake towards the south-east through an extensive alkaline valley, which, during high water will be flooded.

Range 19 is open, rolling prairie, with a second-class soil.

Ranges 20, 21, 22 and 23 are rolling prairie. Soil, first and second-class. In Sections 32 and 31, Range 22, we crossed the north end of a lake of considerable size.

Section 34, in Range 24, lies in a valley in which there is a stream without perceptible current. The soil in this valley is alkaline, but the rest of this range is good rolling land.

Range 25 is rolling prairie, with a soil of excellent quality, excepting some hard, dry clay in Section 31.

Going west, we rise at once to hilly ground, which extends across Ranges 26, 27 and 28. This range of hills is in some respects peculiar, being chiefly knolls placed in every conceivable position, with an occasional large one showing conspicuously above the others. The rich vegetation here shows that the soil is good, but on account of the extremely rough nature of the ground, these ranges are better adapted for grazing than for any other purpose.

The fractional Range 29 is rolling land, with a fair soil of sandy loam.

Commencing again at the 4th Initial Meridian and going west, Range 1 is rolling prairie, with generally a poor soil of sandy loam.

The first  $4\frac{1}{2}$  miles of Range 2, is rolling prairie, with fair soil of clay loam. The next mile is hilly and stony, while most of the last half-mile of the

range lies in an alkaline valley, in which the soil is poor. A stream without noticeable current, crosses the line in this valley, which appears to be the outlet of extensive lakes lying toward the north-west.

Near the easterly limit of Range 3, the line rises to high land, where we find three sections of rolling prairie with inferior sandy soil. At the centre of this range, the line enters a hilly country, called the Neutral Hills, which extend nearly to the centre of Range 5, or about 12 miles. Most of the land in these hills is too rough for cultivation, but good pasturage is abundant. The easterly three sections of Range 5 are dry, hard clay.

Range 6 is all nearly level, and has soil which will average second-class.

Range 7 is mostly a gently rolling prairie, with good first and second-class soil.

The first two sections in Range 8 are good, sandy loam. The third section is poor sandy land, but the westerly three sections may be ranked as second-class.

Range 9 is nearly level with the easterly five sections, composed of fair land, and the westerly section inferior.

Range 10 is mostly second and third-class land, slightly rolling. Near the westerly limits of this range, a couple of salty lakes were crossed, and several more were seen in the vicinity.

Range 11.—Is a slightly rolling prairie, with generally a second-class soil.

Range 12.—Classes second and third, as there are tracts of hard dry clay all through it.

Range 13.—Is generally rolling prairie, with a fair second-class soil.

In the first section of Range 14 we rise to hilly ground, which extends more than half way across Range 15. These hills are sometimes stony and are generally too steep and broken for any use except grazing. About the centre of Range 15 the beginning of a long descent is reached, which ends in an alkaline valley running north-west and south-east, crossing the line in the westerly section of Range 15 and the easterly section of Range 16. This valley is dotted with lakes, of which those at or near the line are very salty, and probably the others are of the same character. Excepting the eastern section, as described, Range 16 is rolling prairie, with a good soil of sandy or clay loam.

Ranges 17 and 18.—Are both rolling prairie, with excellent soil.

Section 36, Range 19, is good rolling prairie land. The remaining sections of this range are too rough and hilly for farming, but the pasturage is excellent.

Sections 36 and 35, Range 20, are hilly, while the other sections of the range are on rolling prairie, with good soil, which improves towards the west.

The first five sections of Range 21 are rolling prairie, with a rich, deep soil of clay loam. The remaining section (31) is only third-class. It lies partly on the east bank and partly in the valley of the Red Deer River, which crosses the line near the westerly limit of this section. This river is here about 6 chains wide and from 4 to 8 feet deep, and flows in a valley about 400 feet in depth and 1 mile in width.

After ascending the west bank of the river, in the easterly quarter section of Range 22, we come upon a rolling plain of superior land; which extends to the 5th Initial Meridian, a distance of about 43 miles, the easterly 21 miles being an open prairie, while the westerly 12 miles is a brushy prairie, with an occasional poplar bluff. This whole tract is well watered by streams of good water, which flow to the south-east.

Proceeding west from the 5th Initial Meridian, Range 1 is brushy prairie, with remarkably good soil of clay loam.

The first four sections of Range 2 are similar to those of Range 1. A ravine is crossed twice in the last two sections of the range, and as a consequence the land is rough.

In the first quarter section of Range 3, we cross a ravine for the third time. In Section 33 a fine stream of pure water, called Dog Pond Creek, flows northward. The soil in this range is very good.

Entering Range 4, the line descends into the valley of the Little Red Deer River, which stream is crossed six times in the next 4 miles. Its banks are from

60 to 150 feet high and are generally wooded. The soil in this range will average second-class.

On the meridian line between Ranges 2 and 3, Township 32, the land is brushy, and Township 31 is open prairie. The soil in both is good. Proceeding north from the 9th base line, we find Township 33 to have a good, rich soil. It is thickly wooded with willows and poplars.

Going north, between Ranges 1 and 2, the first Township (33) is mostly brushy prairie, with a good deep soil of clay loam. Township 34 is mostly wooded. The south half thereof is good land, but the northerly half has a poor, sandy soil. South of the 9th base line between Ranges 1 and 2 runs over a rolling prairie, which is brushy in some localities. The soil is uniformly of very good quality.

I might state here that the land lying between the Red Deer River and the westerly limit reached by this survey, is the finest I have seen outside of parts of Manitoba, and if the climate is suitable for agricultural purposes, this tract of country will soon be a most desirable place for settlement. The Red Deer River may be used to facilitate settlement here, but to determine the value of this river as a navigable stream will require a more extended examination than I was able to give it. One serious objection to its use for that purpose is the difficulty in approaching the river, owing to its high, steep-cut banks. In our own case, I may say that we searched vainly all the way from the 9th to the 8th base line for a practicable road down and up these banks. At the latter base line, a fair road down hill was found, but in the ascent of the west bank, two and three horses had to be used to pull up cart loads of not more than 400 pounds.

At and to the north of where the line crosses the Saskatchewan River, there is abundance of growing timber, but towards the south it appears to become much scarcer. In Sections 36, 35 and 34, Range 7 west of the 3rd Initial Meridian, we find a belt of poplar, which extends to the north and south as far as the eye can reach. So far as observed, it is only of sufficient size for fencing and fuel.

From say the centre of Range 7, west of the 3rd Initial Meridian, to the Red Deer River, a distance of about 256 miles, there is no timber of any kind whatever, either at or within eyesight from the line.

In the valley of the Red Deer River, we found cottonwood and poplar timber, but the quantity is very limited when compared with the future requirements of the country, both east and west.

From Range 27 west of the 4th Initial Meridian, westerly to the 5th Initial Meridian, and thence west across Ranges 1 and 2, occasional small bluffs of poplar are seen. These bluffs become more plentiful in Range 3, while in Range 4 and westward, the country is thickly wooded with poplar, with occasional small tracts of spruce and tamarac.

Coal was first noticed in a ravine in Township 30, Range 20 west of the 4th Initial Meridian. This coal has been deposited by water, along the bed of the ravine, in considerable quantities, thus indicating the existence of an important vein somewhere up the ravine.

Seams of coal can be found almost anywhere near the base line in the banks of the Red Deer River, but the quality of any that was examined was poor. Outcrops of sandstone are frequently seen along the banks of the Little Red Deer River, and occasionally a wide, compact seam is found, which can be used for building stone in the future.

It is probable that many of the sloughs, in the easterly part of the survey, may become dry during a dry season, but throughout the survey abundance of good water was easily found. It is characteristic of this country that the water is fresh and good in the sloughs and small ponds, while in the larger lakes the water is, almost without exception, either salty or alkaline.

From conversations with settlers and others, I learned that in the more southerly portions of the territories, there was a great scarcity of rain during last summer. Such was not the case in the country covered by this survey, as we had more than the usual quantity.



The following table will give the dates of rainy days, with remarks thereon, beginning May 15th and ending September 31st, 1883, which shows that out of a total of 140 days, there were 47 days in which more or less rain fell. Having no rain-gauge, I am not able to give the rainfall in inches:—

Date.	Began.	Ended.	Remarks.
May 15...	6 a.m.....	7 a.m.....	Light shower.
do 18...	.....	.....	Occasional light showers.
do 21...	.....	.....	Showers during day.
do 25...	.....	.....	Frequent showers all day.
do 26...	.....	.....	Showers occasionally.
do 27...	.....	.....	Heavy showers.
do 28...	.....	.....	do
do 31...	3 p.m.....	Night.....	Showers, followed in night by snow flurries.
June 4...	.....	.....	Showers in afternoon.
do 5...	.....	.....	Occasional light showers.
do 6...	7 a.m.....	.....	Light rain all day.
do 7...	5.30 p.m.	10.30 p.m.	Showers
do 9...	6 a.m.....	11 a.m.....	do
do 10...	7 p.m.....	.....	Rain all night, and }
do 11...	.....	Noon.....	Rained until noon. }
do 14...	.....	.....	Thunder storm in night.
do 15...	.....	.....	Shower early in morning.
do 16...	.....	.....	Some light showers.
do 17...	.....	.....	do do
do 21...	9.30 a.m.	Night.....	Heavy rain.
do 22...	.....	5 a.m.....	Rain early in morning.
do 30...	.....	.....	Rain in evening.
July 2...	5 a.m.....	8 a.m.....	Shower in morning; rain again at 6 p.m.
do 3...	.....	.....	Showers in forenoon.
do 5...	.....	.....	Rain in night.
do 6...	.....	10 a.m.....	Rain this morning.
do 11...	.....	.....	Thunder storm before daylight.
do 12...	.....	.....	Wind squall, with rain in evening.
do 13...	.....	.....	Light showers frequently all day.
do 14...	8 p.m.....	.....	Rain all night.
do 15...	.....	10.30 a.m.	Rain in morning.
do 19...	3 p.m.....	.....	Showers.
do 23...	7 p.m.....	8 p.m.....	Rain.
do 24...	4 p.m.....	5 p.m.....	Heavy thunder storm.
do 25...	5 a.m.....	1 p.m.....	Rain steadily.
Aug. 5...	.....	.....	Light rain in night.
do 7...	4 p.m.....	5 p.m.....	Showers (heavy).
do 9...	.....	.....	Some light showers.
do 17...	.....	.....	Light rain all night.
do 18...	.....	11 a.m.....	do in morning.
do 19...	.....	.....	Occasional light showers all day.
do 20...	.....	.....	do do do
do 30...	.....	.....	Fog and light rain all day.
Sept. 7...	.....	.....	do do
do 14...	1 p.m.....	6 p.m.....	Rainy all afternoon.
do 18...	6 p.m.....	.....	Rain in night.
do 19...	.....	.....	Rain this morning.

EXTRACT FROM THE REPORT OF SURVEY OF TOWNSHIP OUTLINES BETWEEN THE 3RD AND 4TH INITIAL MERIDIANS, BY A. F. COTTON, D.L.S.

Township 9, Ranges 29 and 30, west of 3rd Initial Meridian.—Broken and hilly, being on the northern slope of the Cypress Hills. The soil is a good loam and gravel.

Township 10, Ranges 29 and 30.—Are more level than Township 9. A creek, a branch of Box Alder, runs about  $1\frac{1}{2}$  miles east of the line, and numerous gullies run

back from it to a distance of over 2 miles in some places. The soil is a light loam. None of the above townships are desirable for settlement.

Township 9, Ranges 27 and 28.—The first 4 miles are undulating prairie, sloping to the north and rather stony. As soon as Fish Creek is crossed, the soil changes to a very good, sandy loam. There were eight or ten settlers in this township.

Township 10, Ranges 27 and 28.—Hilly prairie, with a few sloughs. The soil is a sandy loam and gravel.

Township 9, Ranges 26 and 27.—Are very rough and hilly prairie. A few small clumps of poplar are seen in the southerly portion. The soil is a good loam, but very stony.

Township 10, Ranges 26 and 27.—High rolling prairie. Soil, a good dark loam.

Township 12, Ranges 26 and 27.—Rolling prairie. Soil, a light, sandy loam and gravel.

Township 11, Ranges 26 and 27.—Gently rolling prairie. The soil north of Fish Creek is a light, sandy loam and gravel. South of the creek it becomes a clay loam. Sage and Cactus brush are very plentiful. Maple Creek joins Fish Creek in the centre of Township 11, Range 26. There are numerous squatters in this township.

Township 12, Ranges 25 and 26.—Are gently rolling prairie, with a few alkaline sloughs. The soil is a light, sandy loam. Hoy Lake, which is in Range 25, is of fair size, but the water is alkaline.

Township 9, Ranges 25 and 26.—Are hilly and broken with numerous clumps of poplar. Several small creeks were crossed, the water being excellent. The soil is a good, dark loam, but too stony for farming.

Township 10, Ranges 25 and 26.—Rolling prairie with some very pretty flats. The soil is a good, sandy loam. Numerous squatters have taken up claims in this and the adjoining township.

Township 11, Ranges 23 and 24.—For the most part rolling prairie, composed of hills of blown sand. As soon as the Canadian Pacific Railway is crossed, the land becomes gently rolling, the soil being a fine sandy loam, and in some places clay.

Township 11, Ranges 23 and 24.—The north half is almost level prairie, the soil being a stiff clay. Pie-a-pot Creek runs through this township and has a narrow fringe of maple along its banks. The south half is hilly and stony. The soil is a good loam.

Township 9, Ranges 23 and 24.—The south half is high, rolling prairie, the soil of which is a good loam, but gravelly. The remainder of the township is hilly, sloping to the north, and covered with a dense growth of poplar and willow. A good sized creek is crossed in Section 25, Township 9, Range 24, on which I saw a small show of coal.

Township 10, Ranges 23 and 24.—The south half is hilly and broken prairie, the soil of which is a light, sandy loam and stony. The north half is rolling prairie, the soil being a little better than the south half, but very stony in a great many places.

Township 12, Ranges 22 and 23.—An undulating prairie, with a very light sandy soil, which continues until the Canadian Pacific Railway is crossed, when it becomes a clay. A small creek was crossed thirteen times in a mile and a-half.

Township 11, Ranges 22 and 23.—Rolling and hilly prairie. The soil is a good clay loam, but very stony. There are two lakes in the south half of this township.

Township 9, Ranges 22 and 23.—Are hilly and high rolling prairie. The soil is a good loam, but very stony.

Township 10, Ranges 22 and 23.—Rolling prairie, falling rapidly to the north. The soil is a fair loam.

Township 12, Ranges 21 and 22.—High rolling prairie. The soil is a good clay loam.

Township 11, Ranges 21 and 22.—Rolling prairie. Soil a good clay loam.

Township 12, Ranges 20 and 21.—Gently rolling prairie, with a few sloughs and pond holes. The soil is a good clay loam. A creek in the south half was almost dry.

Township 11, Ranges 20 and 21.—Are gently rolling prairie. Soil a good clay loam.

In Section 25, Range 21, the northern escarpment of the Cypress Hills rises abruptly to the height of 250 feet, then a table land falling gently to the south. This reaches as far as Section 12, when a deep gully, 200 feet deep, is met; this gully reaches almost to the correction line, a little bush on the south side of the gully.

Township 12, Ranges 19 and 20.—Rolling prairie. Soil a good sandy loam. There are two creeks in Range 19, and a few sloughs in Range 20.

Township 11, Ranges 19 and 20.—Very hilly and broken prairie, falling a little to the south. The soil is a sandy loam and gravel. In the centre of Section 12, Range 20, Collarbone Creek is crossed. It is a tributary of Swift Current, and runs in a valley half a mile wide and 100 feet deep. The water is clear and sweet.

Township 12, Ranges 18 and 19.—The corner is on the northern slope of the Cypress Hills. Section 31, Range 18 and Section 36; Range 19 are broken and hilly remaining portions of the township are gently rolling prairie. The soil is a good sandy loam.

Township 11, Ranges 18 and 19.—Rolling prairie. The soil is a sandy loam and gravelly. The valley of Swift Current Creek is crossed in Section 12, Range 19, in a valley 100 feet deep and half a mile wide. The creek is 90 links wide and 1 foot deep. The water is clear and sweet.

Township 9, Ranges 21 and 22.—Hilly and broken prairie. Soil, a good sandy loam. A branch of Swift Current Creek is crossed, running east 20 links wide and 1 foot deep. Good water. There is a little bush in the gullies.

Township 10, Ranges 21 and 22.—Rolling prairies with numerous ponds and marshes. The soil is a very good, sandy loam. In the west section, the land drops 15 feet, and forms the northern escarpment of the Cypress Hills.—

Township 9, Ranges 20 and 21.—Undulating prairie, with an occasional slough. The soil is a good dark loam. A branch of Swift Current Creek is seen in Range 21, running north.

Township 10, Ranges 20 and 21.—The south halves are rolling prairie, after which they become hilly and broken by ravines and gullies. In Section 13, a branch of Swift Current Creek is crossed, running through a valley half a mile wide, and 150 feet deep. The soil is a good sandy loam, but stony. There is a little bush in the valley of the creek.

Township 9, Ranges 19 and 20.—Undulating prairie as far north as Section 25, Range 20 and Section 30 Range 19, where the eastern bank of the valley of Swift Current Creek is met. The valley is a half mile wide and 100 feet deep. The creek is narrow and very crooked, with cut banks. Range 20 is more broken than Range 19. The soil is a clay loam.

Township 10, Ranges 19 and 20.—Undulating prairie, broken by the ravines running into the valley of Swift Current. A good deal of sandstone was seen in the numerous ravines. The soil is a clay loam and stony.

Township 9, Ranges 18 and 19.—Undulating prairie. The soil is a clay loam, very hard and dry, with a good deal of alkaline. In Range 19, a ridge of hills is seen running north-east and south-west. A sluggish stream, a branch of Swift Current, was met with in Range 19.

Township 10, Ranges 18 and 19.—Rolling prairie. Soil, a clay loam. In Range 19, Swift Current Creek runs in a valley half a mile wide, and 100 feet deep.

Township 12, Ranges 17 and 18.—Rolling prairie. Soil, a clay loam. A large lake was crossed in Range 18 and Swift Current Creek was met in Section 24, Range 18, running through a valley one mile wide and 150 feet deep. The creek is 50 links wide. Good water. Numerous gullies run into the main valley.

Township 11, Ranges 17 and 18.—Rolling prairie, with an occasional marsh containing water. Soil, a sandy loam.

Township 9, Ranges 17 and 18.—Rolling prairie with an occasional marsh. In section 20, Range 17, there is a fair sized lake, and smaller ones are found in Range 18. The soil is a shallow loam.

Township 10, Ranges 17 and 18.—Rolling prairie, with only a few marshes. Soil, a shallow loam.

Township 9, Ranges 16 and 17.—Rolling prairie with numerous sloughs. The soil is a good, but shallow clay loam, and a little alkaline appears in some places. A branch of Old Wives' Creek runs in an easterly direction through the south halves of these townships. There are a great many boulders along the bank of the creek.

Township 10, Ranges 16 and 17.—Undulating prairie as far as Section 12, Range 17; then hills are met with which form the water-shed between Swift Current and Old Wives' Creek. These hills rise to a height of 100 feet. The height is reached in Section 14, Range 17, where a plateau extends as far as Section 25. The land then falls to the north. The soil is a good but shallow clay loam. A few small sloughs were seen.

Township 11, Ranges 16 and 17.—Sections 36 and 25, Range 17, are high, rolling prairie; after that they become gently rolling. The soil is a clay loam and gravel. A fair sized slough was seen in the south-west corner of Township 11, Range 16.

Township 9, Ranges 15 and 16.—Rolling prairie. A branch of Old Wives' Creek was crossed in Section 24, Range 16. At time of survey, it was almost dry and alkali cropped out in a good many places. The soil is an alkaline clay, with little or no grass.

Township 10, Ranges 15 and 16.—Gently rolling prairie, land falling to the north. The soil is a shallow clay loam.

Township 11, Ranges 15 and 16.—High rolling prairie and very dry. The soil is clay, with little or no grass.

Township 11, Ranges 14 and 15.—Hilly prairie. In Range 15 is a lake in a valley 200 feet below the prairie level. The hills are very steep and with numerous gullies running into the valley. In a great many of these gullies there is a little scrub maple and poplar. A good deal of sandstone is seen in and on the top of the gullies and hills. Some of it is good enough for building. The soil is a poor clay, with a good deal of gravel.

Township 9, Ranges 14 and 15.—Hilly and broken prairie in the south halves; more rolling in the north. Old Wives' Creek runs through the south halves of these townships, but at the time of survey it was only a succession of pools. The soil is a poor clay.

Township 10, Ranges 14 and 15.—Rolling prairie, with a poor clay soil, no grass and a good deal of stone.

Township 9, Ranges 13 and 14.—Rolling prairie, falling to the north. There are two small alkaline lakes in these townships. A small creek runs through a valley half a mile wide and 100 feet deep. The creek is, I think, a branch of Old Wives' Creek, although in the spring, I believe, the water runs into Swift Current. The valley appears to join that of the east branch of Swift Current. North of the creek, the land is hilly and broken by numerous deep gullies. The soil is a very dry and hard clay, with a great deal of stone and gravel.

Township 12, Ranges 13 and 14.—Undulating prairie, with a few dry sloughs. The soil is a poor sandy loam in the north halves, and clay in the south.

Township 10, Ranges 13 and 14.—Very much the same as Township 12, with the exception of the south halves, which are more rolling and are broken by a few gullies, more especially Range 14.

Township 9, Ranges 12 and 13.—Undulating prairie. Old Wives' Creek runs through these townships. At the time of survey, this creek was a succession of pools, and at this point is enclosed in cut clay banks 20 feet high. The soil is a sandy loam, with little or no grass.

Township 10, Ranges 12 and 13.—Undulating prairie. The soil is clay, with little or no grass.

Township 12, Ranges 12 and 13.—Gently rolling prairie. The soil is a clay loam.

Township 11, Ranges 12 and 13.—Gently rolling prairie. A small creek was seen in Section 36, Range 13, having a moderate current. The water was clear and sweet. It is, I think, a branch of Old Wives' Creek. Soil, clay loam.

Township 12, Ranges 11 and 12.—Undulating prairie. A small creek runs through these townships. Water clear and sweet. In Range 11, cut banks are seen about  $1\frac{1}{2}$  miles east of the line. In a gully in Range 11, there is a little green and dry wood. The soil is a good clay loam.

Township 11, Ranges 11 and 12.—Undulating prairie. A small creek runs through this township. The water of this creek is sweet and good. The soil, north of the creek, is a good clay loam. South of it, it is a sandy loam, very dry and hard.

Township 12, Ranges 10 and 11.—Hilly and broken, more especially in Range 10. The soil is a clay loam, with little or no grass.

Township 11, Ranges 10 and 11.—Rolling prairie. There are two creeks in this township, but at the time of survey there were only a few pools to mark their course. In the south part of Township 11, Range 10, was seen a good-sized lake. The soil is clay.

Township 12, Ranges 9 and 10.—Hilly prairie, broken by ravines, in some of which there is a little quantity of small maple. Water is very scarce. The soil is a clay loam.

Township 11, Ranges 9 and 10.—Gently rolling prairie, with a few dry sloughs. Old Wives' Creek runs through this township. The soil, bare clay,

Township 12, Ranges 7 and 8.—Gently rolling prairie. Soil, a fair clay loam.

Township 11, Ranges 7 and 8.—Gently rolling prairie. Old Wives' Creek runs through this township, but only in pools. The soil is a fair clay loam.

Township 9, Ranges 7 and 8.—Hilly prairie. In Range 7 are two lakes or large ponds. The soil is a clay loam and gravel.

Township 10, Ranges 7 and 8.—Rolling prairie, with a ridge of low hills running through them. In Section 29, Range 7, is a large fresh-water marsh. The soil is a fair clay loam, but the hill-tops are very gravelly.

Township 9, Ranges 6 and 7.—Gently rolling prairie, with numerous ponds and marshes containing fresh water. Section 12, Range 7, is all water. The soil is a hard clay.

Township 10, Ranges 6 and 7.—Rolling prairie, with a few fresh-water marshes and ponds. The soil is a hard clay.

Township 12, Ranges 6 and 7.—Gently rolling prairie. Old Wives' Creek runs through this township, but is only a succession of pools, with a soft mud-bottom. The soil is a clay loam.

Township 11, Ranges 6 and 7.—More rolling than Township 12, especially in the south halves. Soil, a clay loam.

Township 12, Ranges 5 and 6.—Undulating prairie. Old Wives' Creek crosses this township. The soil varies from a light sand to a clay loam, all very hard.

Township 11, Ranges 5 and 6.—Undulating prairie. The soil is a poor clay supporting very little grass.

Township 12, Ranges 4 and 5.—Undulating prairie. Old Wives' Creek is seen in Range 4, with a narrow fringe of bush on its banks. The soil varies from a light sand to a clay loam, with little or no grass.

Township 11, Ranges 4 and 5.—Undulating prairie. Old Wives' Creek runs through this township. Range 4 is very much broken by a branch of Old Wives' Creek, which winds its way in every direction over this township. The soil is a hard clay loam. There is a small quantity of maple along the creek.

In the majority of the townships above described, water is very scarce, and owing to the absence of rain, for which the past season was noted, the grass was very stunted, and the soil very hard. The townships in the western portion of the country outlined by me, are well adapted for grazing purposes.

EXTRACT FROM THE REPORT OF SURVEY OF TOWNSHIP OUTLINES, BETWEEN THE 3RD AND 4TH INITIAL MERIDIANS, BY A. G. CAVANA, D.L.S.

*West of 3rd Initial Meridian.*

Township 37, Range 4.—The south-east part of this township is very hilly, with numerous sloughs, generally bordered with willows. There are some islands of small poplar, suitable for fuel only. The balance of the township is level or slightly rolling. Soil, generally first-class, being a black loam, varying from 5 to 10 inches in depth, with clay sub-soil. Granite and limestone ridges occur in Sections 18, 19 and 30. The South Saskatchewan River flows across the north-west angle of the township.

Township 38, Range 4.—The surface is slightly undulating and thickly inlaid with granite and limestone boulders at the north eastern part of the township, and on a belt along the Saskatchewan River. The river crosses the township diagonally in a north-easterly direction, has steep banks, varying from 40 to 100 feet in height, and flows at the rate of about  $2\frac{1}{2}$  miles per hour. The water becomes beautifully clear and good after the spring freshets. Poplar timber is to be found in coulées and isolated patches along the river, suitable for building purposes, rails or fuel. Shallow sloughs are numerous. Soil, first-class.

Township 37, Range 5.—Undulating surface; sloughs shallow. The South Saskatchewan River crosses the south-east angle of the township. There is very little timber along the banks of the river. A few granite and limestone ridges enter the township in sections 24 and 25. Soil, generally first-class.

Township 38, Range 5.—Open prairie, with level surface. The soil is a clay loam on clay sub-soil, except at the north-western part of the township, where the soil becomes lighter, and in places gravelly. It is rated first and second-class. There are a few clumps of poplar trees on the north-east part of the township, Section 36.

Township 37, Range 6.—Open, level prairie, with numerous shallow sloughs, generally bordered with willows. Soil, first-class.

Township 38, Range 6.—The soil of the south-eastern part of the township is a clay loam, with a clay sub-soil. Rated first-class. The north-western part of the township is a sand loam, with a clay sub-soil. Rated second-class. The south-eastern part of the township is timbered with poplar and willow. Some of the poplar is of sufficient dimensions for rails or fuel.

Township 37, Range 7.—The soil of the eastern part of the township is first-class, while the western part is rated second-class. Ridges of a sandy nature cross the township in a south-westerly direction, which portion is rated third-class. The surface of the north-eastern part of the township is level. The south-western part is hilly, and timbered with clumps of poplar and whitewood, suitable for building purposes, fencing or fuel.

Township 38, Range 7.—The eastern part of this township is level, and the western part rolling. There are numerous sloughs, bordered with small poplar and willow. Soil, first and second-class.

Township 39, Range 7.—This township, throughout, is level and wet, with soil generally of a first-class character.

Township 40, Range 7.—Open, undulating prairie, and water scarce. Soil throughout, first-class. The North Saskatchewan flows across the township in a north-easterly direction. This river usually has a belt of poplar trees on each side, the belt averaging about one-half mile in width and extending from the water's edge to the top of the banks. The surface is of a very broken and hilly character. The elevation of the surrounding country varies from 100 to 150 feet above the river. The timber in coulées and along the banks of the river, is of suitable dimensions for building purposes, fencing or fuel. The bed of the river, in its ordinary spring state, varies from 40 to 60 chains in width. As the season advances, and the river approaches low water mark, fresh sand bars daily appear, and increasing, divide the stream into three or four channels, rendering navigation very difficult, especially at the west part of the river, known as "The Elbow."

Township 37, Range 8.—Surface, rolling or hilly. Water scarce, and generally alkaline. The soil of the eastern part of the township is sand, or sand loam. Rated third-class. Towards the western part of the township the soil improves, and is rated second-class. The township is timbered, throughout, with clumps of poplar and willow, which have been burnt over by fire, forming brulés. A considerable quantity of this wood might be used for fencing or fuel.

Township 38, Range 8.—The surface is slightly rolling, sloughs numerous and bordered with poplar and willow. The soil of the eastern part of the township is a fair sand loam, and is rated second-class. The western part is rated first-class.

Township 39, Range 8.—In the western part of this township the surface is rolling, but approaching the eastern part it becomes more level. The North Saskatchewan River crosses the township in an easterly direction. Clumps of small poplar are thickly dotted over that part of the township north of the river. The soil throughout is first class, being clay loam on clay subsoil. A creek flows southward across the western part of the township into the Saskatchewan and might be utilized for milling purposes. Below its junction with a creek from the west it has good banks, a rapid current and a stream (in August) averaging eight feet in width and one foot in depth.

Township 40, Range 8.—Surface rolling, thickly dotted with clumps of small poplar and willows. Soil, first class.

Township 37, Range 9.—The north-eastern part of this township is hilly. The soil is rated second and third class. In the south-western part the soil improves and is rated class one. The north and north-western part of the township is timbered with clumps and belts of poplar, two to five inches in diameter. Brulés frequent.

Township 38, Range 9.—Surface slightly rolling. Shallow sloughs are numerous and are bordered with small willows. A belt of timber, about a mile wide, extends across the south end of the township. The soil is rated first class.

Township 39, Range 9.—Surface rolling. The soil throughout is first class, excepting a sandy strip adjoining the north bank of the Saskatchewan River, which is second class. The river crosses the township in an easterly direction, with the usual belt of timber along its banks. A part of the township north of the river is thickly dotted with clumps of small poplar.

Township 40, Range 9.—The soil in the western part of the township is a sandy loam and is rated second-class. Eastern part is rated first-class. The surface is rolling, and throughout is thickly dotted with clumps of poplar, some of a suitable size for building purposes, firewood or rails.

Township 37, Range 10.—Surface slightly rolling. The north-east quarter of the township is timbered with poplar from 2 to 5 inches in diameter. The balance of the township is entirely destitute of timber, except along the Eagle Creek which flows across the township in a north-westerly direction. Soil, clay loam with a clay sub-soil. Rated first-class.

Township 38, Range 10.—The surface and soil are similar to the last township described. Not timbered, except in coulées and the valley along the Eagle Creek which is usually about 20 chains wide, with banks varying from 80 to 150 feet high. A considerable quantity of timber along the creek is suitable for building purposes, fencing or fuel. This creek has a rapid current with an average width of 20 feet and 3 feet depth, and it might be utilized for milling purposes.

Township 39, Range 10.—The North Saskatchewan River crosses this township in an easterly direction, with the usual half mile belts of timber along the river. That portion of the township south of the river is open prairie, with a rolling or knotty surface, dotted over with granite and limestone boulders. Part of the township north of the river is thickly dotted with clumps of poplar trees; some at the western part are suitable for fuel. The soil is first and second-class, part clay and part a good sand loam on clay subsoil.

Township 40, Range 10.—The surface of the northern part of the township is level; the southern part is rolling, thickly dotted with clumps of poplar suitable for fuel or rails; sloughs are numerous at the northern part of the township. The soil

of the western part of the township is first-class. The eastern part is a sand loam, occasionally verging into a clay and rated second and third class.

Township 37, Range 11.—The surface is of a heavy rolling character, with occasional fresh water sloughs, which are deep. Not timbered. The soil is first-class throughout, being clay loam on a clay subsoil.

Township 38, Range 11.—The township throughout is an open rolling prairie. The soil is similar to that of the last township described.

Township 39, Range 11.—The North Saskatchewan River crosses the northern part of this township, the surface of which is rolling. There are deep sloughs bordered with willow. There are also some small clumps of poplar north of the river, with the usual belts along the river. The soil is generally first class, excepting in a few sections on the eastern side where it is gravelly.

Township 40, Range 11.—This township slopes to the North Saskatchewan River, which enters the township from the west, and flows out of it between sections 12 and 13. There is excellent timber in coulées and belts along the river, suitable for building purposes and fuel. The township throughout is dotted with clumps of poplar. The soil is first-class.

Township 37, Range 12.—The surface of this township is of a very heavy rolling character. The sloughs are deep and the water generally alkaline. It is not timbered. Brier and wolf willow are occasionally met with on the sides of the hills. The soil rates first and second class.

Township 38, Range 12.—The surface of this township is similar to the last described. The sloughs are deep but the water is generally fresh and good. The north-western part of the township is heavily timbered. The soil is generally first and second class. Some of the peaks of the hills are stony and gravelly. These townships, (37 and 38) would make excellent grazing land; they afford excellent shelter for stock, and the grass is luxuriant in the ravines and gullies.

Township 39, Range 12.—The surface of the eastern part of the township is open and rolling. Sloughs are numerous. There are clumps of timber on the west side of the township. The soil is generally first-class.

Township 40, Range 12.—The North Saskatchewan River enters at the north-west corner and crosses the township in a south-easterly direction. There is a belt of large poplar along the river and a portion of the township north of river is dotted with clumps of poplar. Part of the township south of the river is more open. The surface is rolling, and the soil first-class.

Township 37, Range 13.—The surface is broken and hilly. The sloughs are numerous, fresh and alkaline water occurring alternately, with good pasture land. The soil is second-class, occasionally merging into first class in the valleys.

Township 38, Range 13.—The surface is of a heavy rolling character. The northern part of the township is heavily wooded with timber of suitable dimensions for building purposes or fuel. The soil is second-class.

Township 41, Range 13.—The North Saskatchewan River flows across this township in a south-westerly direction leaving it at the south-east corner. The banks of the river here are about 100 feet high, timbered on each side with poplar 2 to 6 inches in diameter. The southern part of the township is thickly dotted with clumps of small poplar, and the northern part with poplar sufficiently large for rails or fire-wood. The soil is first-class.

Township 42, Range 13.—The surface is rolling. The southern part of the township is timbered with clumps of poplar 2 to 6 inches in diameter. The northern part is open prairie, excepting where willow scrub surrounds the sloughs. The soil is first-class.

Township 37, Range 14.—Open prairie. The surface of the eastern part of the township is very broken and hilly, but approaching the western part the surface becomes more rolling. Sloughs and grass marshes are numerous. The soil is generally first-class, although in some places it is gravelly with scattered boulders of granite and limestone.



Township 38, Range 14.—The north-east corner of this township is timbered with poplar 2 to 14 inches in diameter. The soil is second-class. A lake about three-quarters of a mile in width by five miles in length enters the township near the north-east corner.

Township 37, Range 15.—Open rolling prairie; water scarce; sloughs dried up. Grass marshes numerous, and granite and limestone boulders on the ridges. The soil is first-class.

Township 38, Range 15.—The surface is of a very heavy rolling character, becoming more level towards the north-west part of the township. Fresh water is in abundance. Not timbered, but there is fine large timber on the Indian Reserve, six miles to the north east. Granite and limestone boulders are thickly inlaid in places. The soil is usually first-class.

Township 39, Range 15.—Open rolling prairie, with only an occasional slough. The soil is first-class.

Township 40, Range 15.—The surface of the northern part of the township is undulating and timbered with poplar, from 6 to 14 in. in diameter. The southern part of the township is hilly, with numerous fresh water sloughs. The soil is second-class.

Township 37, Range 16.—Open rolling prairie; water scarce. The soil is chiefly first-class, being a clay loam varying from 4 to 6 inches on a clay sub-soil, excepting at the eastern part of the township where it merges into a gravelly clay.

Township 38, Range 16.—Similar to last township described, excepting that there is no gravelly soil.

Township 37, Range 17.—Open, rolling prairie, with boulders of granite and limestone on the ridges throughout the township. Water is fresh and good. The soil is a clay loam with clay subsoil, and is rated first-class.

Township 38, Range 17.—Similar to township 37.

Townships 37 and 38, Range 18.—Open, rolling prairie. Water good, and soil first-class.

Townships 39 and 40, Range 18.—The surface here is of a heavy rolling character and the ridges are stony and gravelly. There are numerous small dry grass marshes. The soil of the western part of the township is first-class. That of the eastern part is second-class.

Township 37, Range 19.—The surface is slightly rolling; water scarce. The soil is a good clay loam on a clay subsoil, and rated first-class.

Township 38, Range 19.—Similar to township 37, excepting that the surface is more rolling and hilly.

Townships 39 and 40 Range 19.—Open, rolling prairie. Stony on top of ridges. Sloughs usually dry. The soil is first-class, being a clay loam with clay subsoil.

EXTRACT FROM THE REPORT OF SURVEY OF TOWNSHIP OUTLINES BETWEEN THE 4TH AND 5TH INITIAL MERIDIANS, ALSO WEST OF THE 5TH INITIAL MERIDIAN, BY C. F. MILES, D. L. S.

Township 17, Range 17, west of the 4th Initial Meridian, is composed of undulating prairie with some stony ridges, a stiff clay soil and scant vegetation. Bow River meanders easterly through this township, and varies in width from eight to ten chains, with a rapid current running at the rate of about five and a half miles an hour; stony bed and good clear water; the banks vary in height from 150 to 200 feet. Rate, second class.

Township 18, Range 17.—Principally undulating prairie. Soil of a variable clay and sandy loam, with clay and sandy subsoil. Rate principally second class.

Township 19, Range 17.—Open, rolling prairie, rating principally second class. The soil varies from a sandy loam to a clay loam, with some gravelly knolls.

Township 20, Range 17.—Same as last. The Canadian Pacific Railway runs through the northerly half of this Township.

Township 17, Range 18.—Dry, undulating prairie, with scant vegetation, principally clay soil; in many places with gravelly subsoil and gravelly elevations. Section 36 is much cut up by the Bow River and its adjacent banks.

Township 18, Range 18.—The Bow River meanders southerly through the east half of this township, which consists principally of undulating prairie, with the exception of the north-west corner which is rolling and hilly. There are some grassy marshes and good vegetation in the depressions.

Township 19, Range 18.—The Bow River wandering sinuously southerly and easterly through this township divides the same into nearly two halves. The northerly half consists of rolling and undulating prairie, with some good flats along the river for grazing. The south-west quarter is more or less undulating, with a northerly slope towards the river and is somewhat broken by its banks and deep ravines. The south-east quarter, west of the river, is very hilly. Here it is where the Stony Buttes are situated, the Bow River winding around them on the north and east sides, thereby forming high, broken, and cut banks. The Stony Buttes are the two highest elevations among these hills, from the summit of which points a hundred miles distant, *i. e.* the Sweet Grass Hills, on or near the international boundary to the south, portions of the Rocky Mountains to the west, and some high elevations to the north, can be seen in clear weather. High cairns have been erected on the summits of these two buttes by former generations. These cairns have been in existence within the recollection of the oldest of the Blackfeet Indians. The Indian name for them is *Omach-kia-oko toph*.

Township 20, Range 18.—Principally rolling prairie. Soil mostly sandy loam. Rate second-class. The Canadian Pacific Railway runs through Section 36 of this township.

Township 17, Range 19.—Principally hilly and rolling prairie; knolls, generally gravelly with clay subsoil. Rates mostly second-class.

Township 18, Range 19.—Rolling and hilly prairie, with some few ponds in the north half. The west half is principally sandy loam. The east half is clay loam, rating second-class.

Township 19, Range 19.—Hilly and rolling prairie, the most easterly tier of sections being much broken by deep ravines running into the Bow River. Soil, clay and sandy loam, with tops of elevations generally gravelly. There are numerous ponds amongst the hills in the westerly half of this township.

Township 20, Range 18.—Rolling and hilly prairie, with soil principally of a sandy loam. The Bow River runs sinuously through the easterly portion of the township. Numerous long and deep ravines also cut up the township. That portion east of the river consists mostly of undulating prairie, with a southerly slope.

Township 17, Range 20.—Rolling and hilly prairie, with varying soil; knolls generally gravelly with clay subsoil.

Township 18, Range 20.—Same as last.

Township 19, Range 20.—Hilly prairie with numerous ponds and grassy marshes. There is a good growth of grass amongst the hills.

Township 20, Range 20.—Rolling and hilly prairie. A number of water courses take their origin in this township, running north and east through deep ravines into the Bow River.

On completion of this Block I proceeded to the 7th base, and ran all the outlines between the 7th and 8th bases, from Range 17 easterly to the 4th Initial Meridian.

Township 25, Range 16.—The "Red Deer River" runs through the north-east half of this township, and owing to the broken nature of its banks, probably 30 per cent. of its area has to be rated as third or fourth class. There are some good flats on the north side of the river with a luxuriant growth of grasses, and also well timbered with various species of poplar. The river is accessible in but few places, owing to the height of its broken banks. The south-east half of this township consists principally of undulating prairie, interspersed with a few grassy ponds. The soil is mostly of a clay loam with clay, and in some few places, with a gravelly subsoil. Rates second-class.

Township 26, Range 16.—The north-easterly half of this township is rolling and undulating prairie with a southerly slope, rating as second-class. The south-west half is broken by the Red Deer River with its high and broken banks, and numerous deep ravines. A seam of coal is exposed on the township line on the west side of section 7.

Township 25, Range 15.—Undulating prairie. The Red Deer River runs through the south-west half about 500 feet below the prairie level, with steep banks, precipitous in many places. There is some timber, mostly poplar, in the flats. This township rates principally third-class. The soil is a sandy and clay loam with a sand and alkali clay subsoil, and scant vegetation.

Township 26, Range 15.—Undulating prairie. A dry water-course, with wide alkali bed, runs diagonally from north-east to south-west through this township. Soil—clay loam, clay subsoil, and rates second-class.

Township 25, Range 14.—Same as last. The Bull Pound Creek runs through this township from north to south, emptying into the Red Deer River. The banks of this creek are high, in many places "cut," with good vegetation in the bottoms. There is also a dense fringe of willows along the edge of the creek, which may be said to cut its way very sinuously through the valley.

Township 25, Range 13.—Slightly undulating prairie, with a soil principally composed of sandy loam, with sandy subsoil, and rating second-class. Berry Creek runs south through the east tier of sections into the Red Deer, and its banks average 50 feet, sloping to a gravelly and sandy bed. There is good growth of grass in the bottom lands.

Township 26, Range 13.—Same as last, without the creek. Rates second and third class.

Township 25, Range 12.—The south-half is rolling and undulating prairie. The north half undulating. The soil is principally clay loam, with clay subsoil. Rating second-class. Berry Creek runs through the west half of section 31.

Township 26, Range 12.—Undulating prairie, with soil of clay loam, and clay subsoil. Rates first and second class. Berry Creek runs south through this township.

Township 25, Range 11.—Undulating prairie. Soil, sandy and clay loam, with sandy and clay subsoil; contains a few grassy ponds. Rates second-class.

Township 26, Range 11.—Undulating prairie. Some dry water-courses run south-west through this township. The soil is sandy and clay loam, with sandy and clay subsoil. Rates first and second-class.

Township 26, Range 10.—Principally undulating prairie. The soil is a sandy loam with sandy subsoil. There are a few grassy ponds. Rates second-class.

Township 26, Range 10.—Undulating prairie. Soil, clay loam with clay subsoil. Rates second-class.

Township 25, Range 9.—Undulating and rolling prairie. Blood Indian Creek runs south through the west tier of sections, but it contained no running water at the time of the survey. The soil is a clay loam, predominating with clay subsoil, and rates second class.

Township 26, Range 9.—Same as last.

Township 25, Range 8.—Rolling and hilly prairie, interspersed with numerous ponds. Soil, clay loam and rates second class.

Township 26, Range 8.—Same as last.

Township 25, Range 7.—Rolling and hilly prairie. A dry water-course, containing pools of standing water, runs south-westerly through the township.

Township 26, Range 7.—The west half is rolling and hilly, east half rolling and undulating. Soil—principally clay loam. Rates second class.

Township 25, Range 6.—Same as last.

Township 26, Range 6.—West half is rolling, east half hilly prairie. Soil, principally clay loam, and rates second class.

Township 25, Range 5.—Undulating and rolling prairie. About the centre of the township there is an alkaline depression, containing the stony bed of a dry

water-course. The soil is a sandy and clay loam, with a sandy and clay sub-soil. Rates second and third-class.

Township 26, Range 5.—The eastern and western portions of this township are hilly, the central part is composed of an alkaline depression, containing the stony bed of a dry water-course. On and about Sections 11 and 14 are the two highest points on this range of hills. On the summits of both points cairns are erected. The cairn on Section 11 is  $4\frac{1}{2}$  or 5 feet high, and 8 feet square. Single stones in the form of a circle are placed around the cairn 30 feet from its centre, and a line of single stones runs due south from the cairn, for about 1 chain, crossing the circle formed of stones.

Township 25, Range 4.—Rolling and hilly prairie. Soil, clay and sandy loam, with gravelly knolls. Rates second and third-class.

Township 26, Range 4.—Same as last.

Township 25, Range 3.—South-west half, rolling and hilly, and rates second and third-class. The north-east half is nearly level, and has a southern slope. Rates first and second-class.

Township 26, Range 3.—High, rolling and undulating prairie. Soil, clay and sandy loam, the former predominating; a few gravelly knolls. Rates principally second-class.

Township 25, Range 2.—Undulating and rolling prairie. Soil, principally clay loam, with clay sub-soil. Rates first and second-class. A dry water-course, rising in Townships 25 and 26, Range 1, runs diagonally (S.W.) through the township.

Township 26, Range 2.—A low depression forms about the central half of this township (N.W. to S.E.), and contains grassy marshes, ponds and lakes. The east and north-east parts are very hilly, and the south-west part rolling.

Township 25, Range 1.—Rolling and hilly prairie. In the soil, clay loam predominates. Rates second and third-class.

Township 26, Range 1.—Hilly and rolling prairie, with some alkaline depressions. The soil is principally clay loam. Rates second and third-class.

Township 27, Range 1, West of the 4th Initial Meridian.—Rolling and hilly prairie. The north-east part is more flat, containing numerous alkaline depressions. An old stream bed, with ponds of standing water, running easterly, touches the north limit of the township. The soil is clay and sandy loam, and rates second and third-class.

Township 28, Range 1.—Rolling prairie, with the soil chiefly clay loam. Rates first and second-class.

Township 27, Range 2.—Rolling and hilly prairie, with some ponds and lakelets, and some alkaline depressions. The soil is principally clay loam, and rates second and third-class.

Township 28, Range 2.—Rolling prairie, with a few ponds. Soil, principally clay loam, with clay sub-soil. Rates first and second-class. The southerly tier of this township is more or less hilly, and is broken by lakes and ponds. Rates third-class.

Township 27, Range 3.—Rolling prairie, with high ridges. Soil, clay and sandy loam. There are numerous ponds, some of an alkaline nature. Rates second and third-class.

Township 28, Range 3.—Rolling prairie, broken by alkaline ponds and some ravines in the south-east half. Rates second and third-class.

Township 27, Range 4.—Rolling prairie, with high ridges and ponds. Soil, principally clay loam. Rates second and third-class.

Township 28, Range 4.—Rolling prairie, with numerous ponds. Soil, principally clay loam. Rates first and second-class.

Township 27, Range 5.—Rolling prairie, with gravelly knolls and numerous ponds. Soil, sandy and clay loam. Rates second-class.

Township 28, Range 5.—Rolling prairie with ponds. Soil, clay loam with clay sub-soil. Rates first and second-class.

Township 27, Range 6.—Rolling prairie, with gravelly knolls; a few ponds and lakelets. Soil, clay loam with clay sub-soil. Rates second class.

Township 23, Range 6.—Rolling prairie, with a few lakelets. Soil, clay loam, and rates second-class.

Township 27, Range 7.—High rolling prairie, with some ponds and knolls. Soil, clay loam, with clay sub-soil. Rates first and second-class.

Township 23, Range 7.—Rolling prairie with a few sloughs. Soil, clay loam. Rates second class.

Township, 27, Range 8.—High, undulating and rolling prairie, with a depression in the centre, containing ponds and lakes. Soil, clay loam. Rates second class.

Township 28, Range 8.—Undulating prairie. The north-west half consists of a large alkaline flat, with lakes and grassy marshes; drained near the north-west corner by the Blood Indian Creek. The east half rates first and second-class; west half second and third-class.

Township 27, Range 9.—High and undulating prairie drained by Blood Indian Creek, which runs southerly through the township in an alkaline bed, containing pools of standing water. The soil is clay loam, and rates second-class.

Township 28, Range 9.—Same as last.

Township 27, Range 10.—Undulating prairie. Soil, clay loam with clay sub-soil; rates second-class.

Township 28, Range 10.—Same as last.

Township 27, Range 11.—Undulating prairie, with a number of shallow ponds and lakelets in the north half. These contain alkaline water. The soil is the same as in last named township.

Township 28, Range 11.—Undulating prairie, sloping west to Berry Creek, which runs south-westerly through the north-west half of the township. The creek here is dammed up by beaver in many places, causing pools of 5 and 6 feet in depth between the clay banks, which in many places rise to 10 feet in height. The soil is clay loam, with clay sub-soil, and rates second-class.

Township 27, Range 12.—High, undulating prairie. Berry Creek runs southerly through the township. On or about section 22, in the valley of the creek, is situated Stone Pile Hill, around the east side of which skirts the creek. The top of which rises above the surrounding prairie level, and is an old buffalo hunters' land mark and outlook. The soil is clay loam, rating second-class.

Township 28, Range 12.—Undulating and rolling prairie. Clay loam, with clay sub-soil. Berry Creek meanders south-westerly through the south-east corner.

Township 27, Range 13.—Undulating prairie, with a soil of clay loam and clay sub-soil. Rates second-class.

Township 28, Range 13.—Undulating prairie. The north-west half is low and flat, with muddy ponds emptying into the Bull Pound Creek, and much cactus. The south half rates second-class; north-west half, second and third-class.

Township 27, Range 14.—Undulating prairie. Bull Pound Creek runs south through the east half of the township, with "cut banks" in some places 50 feet high. A depression with alkali bed runs south-westerly through this township. The soil is clay loam, with clay sub-soil, and rates second-class.

Township 28, Range 14.—The greater portion of the east half is composed of a level alkali flat, rating third-class. The west half is a high, rolling prairie, with a general slope southwards. The soil is a clay loam, with clay sub-soil, and rates second class.

Township 27, Range 15.—Rolling prairie, with knolls. Soil, clay loam, with clay sub-soil. Rates second-class.

Township 28, Range 15.—Same as last.

Township 27, Range 16.—The greater part of this township is very hilly, with prairie interspersed. There are also ponds and alkaline depressions. Soil, clay loam, and rates second and third-class.

Township 28, Range 16.—Same as last, with the exception of the north-west quarter, which is undulating and sloping to the south. A lake, covering about 2,500

acres, is situate on the south-west quarter of the township. This lake contains good water, and empties south-west into the Red Deer River. It is said to contain white-fish.

On account of the total absence of the rich, black clay loam, which is met with again as we proceed farther west, most of the lands covered by my survey have been rated as second class. Much good land was passed over, which apparently, owing to the want of humidity in this district, showed but scant vegetation. The whole of this area, west of the 4th Initial Meridian, between the seventh and eighth bases, and up to Range 17, was barren of any timber, with the exception of some groves of poplars in the valley of the Red Deer River. Excellent vegetation, as a rule, was found in those townships; described as hilly and well watered by ponds and sloughs. From the shelter the hills afford, this locality appears to be well adapted for grazing purposes.

Township 28, Range 3, west of the 5th Initial Meridian.—The west half is rolling and hilly prairie, while the east half is rolling and undulating prairie, dotted with low willow scrub, well watered by spring creeks. The soil is a rich, black clay loam of considerable depth, and rates first-class.

Township 27, Range 3.—Rolling and hilly prairie, dotted with low willow scrub, well watered by spring creeks and ponds. The latter are fringed with willow brush, and sometimes with second growth of poplar. The soil is a rich black loam, and rates first and second-class.

Township 27, Range 2.—West half hilly and rolling prairie, with numerous ponds and lakelets, fringed with willow brush and scrub, and in a few instances, with second growth poplar. The east half is rolling and undulating prairie. A ravine, containing a spring creek, meanders through this township in a south-easterly direction. The soil is a rich black clay loam, with clay subsoil. Rates first and second-class.

Township 28, Range 2.—Rolling and undulating prairie. A deep ravine runs through the north and east parts of this township, containing poplar in places along its banks suitable for fuel. Several spring creeks also take their rise here and run southerly. The soil is a rich black loam of considerable depth, and rates first-class.

Township 27, Range 4.—Rolling prairie, with high ridges, watered by spring creeks; contains some small bluffs of poplar and a few spruce, but mostly burnt over. The soil is a rich clay loam, and rates first and second-class.

Township 28, Range 4.—Same as last.

The country passed over by me, lying west of the 5th Initial Meridian, has a rich black loam with clay subsoil, and is classified as number one. It is covered by a luxuriant growth of grasses, and well watered by clear spring creeks. Provided the climate is suitable—and it remains yet to be proved by disinterested parties that such is not the case—it will compare very favourably with the best portions of Manitoba.

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**EXTRACT FROM THE REPORT OF G. B. ABREY, D.L.S., SURVEY OF PART OF THE 12TH BASE LINE BETWEEN THE 2ND AND 3RD INITIAL MERIDIANS, PART OF THE 4TH MERIDIAN, PART OF THE 15TH BASE LINE BETWEEN THE 4TH AND 5TH INITIAL MERIDIANS AND THE 11TH BASE LINE BETWEEN THE 3RD AND 4TH INITIAL MERIDIANS.**

*Twelfth Base across Ranges 28, 27, 26, 25 and 24, West of the 2nd Initial Meridian.*

The land along the line from the 3rd Meridian easterly to Alkaline Lake is generally fair in quality, although some is very good. Throughout it is much broken by ponds and lakes, and most of it is covered by poplar and scrub. There is but little prairie.

South and east of Alkaline Lake the soil is more sandy, the country rough, and not eligible for settlement.

Around the south side of Alkaline Lake, and on the line easterly of the same the timber gets somewhat larger and the woods much more dense, with no prairie patches whatever.

None of the timber is large enough to make it advisable to reserve it for lumbering purposes.

Water is abundant, though generally alkaline; that in Alkaline Lake is quite unfit for drink.

#### FOURTH MERIDIAN ACROSS TOWNSHIPS 53, 54, 55 AND 56.

Throughout, the country is generally rough and broken. From the 14th Base, northerly to a short distance beyond the Edmonton trail crossing, near the 14th Correction Line, the country is a scrubby prairie, with soil of fair quality. North of this to the 15th Base the surface is much more broken, with many ponds and muskegs occurring. The timber stands much closer, though of small size, and is intermixed with patches of spruce, and without any relieving patches of prairie.

#### FIFTEENTH BASE WEST OF THE 4TH INITIAL MERIDIAN, ACROSS THE FIRST SEVENTEEN RANGES OF THE SAME.

The country, from the 4th Meridian westerly to about the centre of Range 3, is thickly timbered with poplar and scrub, and with patches of spruce in places. The timber, generally, is small and of little value. The land is poor, very rough and broken, and cut up by ponds, muskegs, &c.

Across half of Range 3, and Ranges 4 and 5.—The principal difference between the former and the latter is that the timber is smaller and much of it is blown down and the hills are of greater size.

Ranges 6, 7, and half of 8 have much less timber, though a good deal of scrub is growing, and the country is less hilly. Thence to the first mile of Range 10 occurs a repetition of the features of Ranges 4 and 5.

From this point to the centre of Range 12, the country is much better, being less scrubby, and having a much more desirable surface. Hence across the Saskatchewan River, to the first mile of Range 14, the country becomes very rough, is nearly all covered with small poplars, and broken by high hills.

In Range 15, the country becomes more open, and some desirable land is found.

Across Ranges 16 and 17, the surface is quite flat and wet, and some scrubby patches of prairie occur near Egg Lake. After passing the lake, timber again shows. Towards the latter part of Range 17 the country gets more open, and with larger-sized timber.

#### ELEVENTH BASE WEST OF THE 3RD INITIAL MERIDIAN.

The country, about the intersection of the base with the 3rd Meridian, is somewhat rough, and broken with numerous small bluffs of poplar, &c. The soil is sandy, and a few marshes occur. This description applies to nearly all the first range.

Range 2, is generally a level prairie to the river. The soil is sandy, with a few ponds showing. Considerable poplar timber is found along the banks of the river.

Ranges 3 and 4 are level, prairie very flat, with many ponds and marshes, and with a light, sandy soil.

Range 5 is similar to the last, although drier.

Range 6 similar, but drier than the last, with bluffs of poplar scattered about on the western half.

Range 7 is similar to the last as far as the river valley; thence is dry and covered with boulders; good timber of birch and poplar in the valley.

Range 8 is the same as the westerly part of the last, but more level across the first mile. Thence it is dry and sandy across the next two and a half miles, and then more marshy to the end.

Range 9 is somewhat rolling, and dry. The soil is light, and some bluffs of poplar and willow occur on the westerly portion.

Range 10 is prairie, with a sandy soil. Considerable timber shows to the north, although bare and open to the south.

Range 11.—Is similar to the last, with some bluffs of poplar and willow on the line.

Range 12.—This range is much more rolling. Near the western boundary the Saskatchewan River was again met with. In the valley of the river heavy poplar and balm of Gilead were found.

Range 13.—Is prairie, very rolling and stony. The soil is a sandy loam, with some ponds in the way. Bluffs of small poplar occur on the westerly side of the range.

Range 14.—Is very rolling and broken. The soil is a light loam. The first half of the range is about half prairie and half poplar, and thence is all woods; in some places the poplars are large.

Range 15.—Is hilly and broken. Birch and poplar woods are everywhere found across the first four sections. Bluffs of timber appear over the remainder. The timber is generally of good size. The soil is a sandy loam, and is good.

Ranges 16 and 17.—Are hilly to rolling, and much cut up with ponds. The soil is of fair quality, although the ridges are stony.

Range 18.—The first mile is like the last range; it then becomes quite dry; is level; and improves on the westerly side.

Range 19.—Is prairie and generally dry and level up to the last mile west, where it becomes broken by marshes. The soil is generally good and the locality is quite desirable.

Ranges 20, 21, and 22.—Are good; all prairie and somewhat rolling.

Range 23.—Is the same as the last to some little distance beyond its centre, where it is broken by a lake. Westerly of this, sand hills break the country, and it gets scrubby.

Range 24.—Is very rolling and covered with scrub for the first mile or so; it then becomes prairie again. The soil is of poor quality throughout.

Ranges 25 and 26.—Are similar to the westerly portion 24. The surface is quite hilly, and generally the soil is poor. Some sections might be selected that would be more or less desirable.

Ranges 27 and 28.—Similar to 20 and without timber; towards the 4th Meridian the soil becomes better, and the country more desirable.

REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, WEST OF THE SECOND AND THIRD INITIAL MERIDIANS, BY H. B. PROUDFOOT, D. L. S.

*District No. 1.*

*Between the 11th Base and the 11th Correction Line and between Ranges 13 and 14 to Ranges 24 and 25.*

Township 41, Range 14.—Very much broken by the Eagle Hills in the south and the Saskatchewan River in the north. The hills are not very heavily wooded, except near the west boundary of the range, where some larger poplar and balm of Gilead occur in the ravines, etc.

Township 42, Range 14.—Rolling and undulating prairie, with a few large grass swamps and ponds. Soil, 6 to 12 inches in depth, and composed of clay loam with a subsoil of clay.



Township 41, Range 15.—Entirely occupied by the Eagle Hills, which are timbered heavily with poplar varying from 6 to 12 inches in diameter, on the high land, and from 10 to 15 inches in thickness in the ravines.

Township 42, Range 15.—Is cut diagonally, from the south-east to the north-west, by the north branch of the Saskatchewan River. On the south side of the river the land is much broken by the Eagle Hills, the timber on which becomes much smaller as the river is approached. On the north side of the river the country is rolling prairie, with a few clumps of small willows, etc. Soil sandy loam; subsoil, clay.

Township 41, Ranges 17 and east half of Range 18.—Rough, hilly prairie, with numerous grass swamps and ponds. Good grazing land.

Township 42, Ranges 17 and 18.—Very rough and hilly, and very much broken by the Eagle Hills. Poplar wood in bluffs, but of poor quality and small size, excepting in a few of the ravines.

Townships 41 and 42, Ranges 19 to 22 and east half of 23.—Rolling and undulating prairie. With the exception of a few sections, they may all be classed 1 and 2. Soil, clay loam 12 inches in depth, and varying to sandy loam; sand subsoil. The want of wood—there being none nearer than Battle River—and the scarcity of water during certain seasons, may at first be a drawback to rapid settlement, but as the country is an excellent farming one, I think eventually it will all be well settled.

Township 41 and south half of 42, and west half of Range 23, and Ranges 24 and 25.—Very much broken by a series of hills and valleys, the latter containing salt lakes, some of considerable size. Small poplar in bluffs is also found on the hill sides and in some of the ravines.

North half Township 42, West half Range 23 and Ranges 24 and 25.—Rough and hilly, with numerous ponds and grass swamps, and some scrub, especially in Range 25.

#### DISTRICT NO. 2.

*North of the 12th Base Line and South of the Battle River, Westerly to the 4th Meridian.*

Township 45, Ranges 19 and 20.—South of the Battle River there is only a small portion of this township, and that portion is very much broken by the valley of the river, and the ravines falling into the same. A small range of sand hills also occurs in these ranges, but disappears in Range 20. Soil—sandy.

Township 45, Ranges 22 and 23.—More or less broken in the northerly portion by ravines running into the valley of the Battle River, and by the valley of the Battle River itself. Soil—generally sandy loam, changing to clay loam, with a changeable subsoil.

Township 45, Range 24.—Very rough and hilly. The south bank of the Battle River takes a sharp turn to the south in this range, and approaches to nearly the 11th base line. In the north-west portion of the township poplar wood occurs in bluffs.

Township 45, Range 25.—Thickly timbered with poplar in bluffs. The poplar frequently attains a size suitable for building purposes.

Township 46, Ranges 23 and 24.—Traversed diagonally by the Battle River. Good poplar and balm of Gilead wood occur in the valley. The best farming land in the district occurs in this block.

Township 45, Range 27.—The south-easterly portion of the township is rolling and undulating; the north-westerly portion is very much broken by large hills and deep valleys, which connect with the valley of the Battle River. A large amount of scrub is met with in the south-easterly portion.

Township 46, Range 27.—Along the south boundary, prairie, with very little scrub, prevails. The ground is very much broken by the Battle River which cuts the township diagonally, and by coulees running into the valley. There is only a small quantity of timber in the valley, scrub and willow predominating.

Township 45, Range 28.—Intersected diagonally by the Battle River; rough and hilly; poplar and scrub in bluffs; numerous grass swamps and ponds.

### DISTRICT No. 3.

*South of the 13th Base Line and Saskatchewan River, and North of the Battle River.*

Township 45, Range 28.—Rolling and hilly prairie; some poplar and scrub in bluffs towards the south-west.

Township 46, Range 28.—Rolling and hilly prairie; very small quantity of poplar or scrub.

Township 46, Range 28.—Rolling and hilly prairie, with a few high hills. Deep coulees run into the Battle River Valley.

Townships 47 and 48, Range 28.—Rolling prairie, with ridges lying west south-west. There are small patches of scrub and poplar, and a few large grass swamps and ponds. Land classes first and second.

Townships 47 and 48, Ranges 24 and 25.—Rolling land, thickly wooded with poplar and willow in bluffs; grass and willow swamps numerous. Traversed by the Battle River in the south-west. Some large lakes occur in the south-easterly portion.

Townships 47 and 48, Ranges 22 and 23.—A small range of sand hills occur in the north-easterly portion of this block, the remainder being mostly rolling and undulating, with poplar and willows in large bluffs, extending over the southerly three-quarters.

Township 48, Range 21.—Is mostly occupied by the sand hills, mentioned in the previous block. Numerous ponds occur, and the surface is also much broken by *coulees* falling into the Saskatchewan River.

Township 47, Ranges 20 and 21.—Undulating land, with large bluffs of poplar and willows, in the southerly portion.

Township 46, Range 24.—Very rough and hilly. Poplar of a fair size in bluffs, in the easterly portion.

Township 42, Ranges 22 and 23.—Very rough, and broken by a series of small sandy ridges, which are chiefly covered by a growth of scattered poplar and scrub.

Township 46, Ranges 19 and 20; Township 45, Ranges 18, 19 and 20.—Rolling and undulating. Thickly wooded with poplar in bluffs. First-class farming land, except in the vicinity of Battle River, where a narrow range of sand hills occur.

### DISTRICT No. 4.

*South of the 13th Base Line and between the Saskatchewan and the Turtle Rivers.*

Township 46, Range 18. Township 46, Range 19. Township 47, Range 19 and 20. Township 48, Ranges 20 and 21.—Rolling and hilly land, the northerly portion being mostly rolling prairie, with a few sand hills, extending across the 13th Base Line. A few bluffs of poplar and willows are also met with. The southerly portion lying along the Saskatchewan River is much broken by short *coulees* falling into the river valley. The whole of the tract is very sandy, nearly all being placed in the third class.

Township 46, Range 18.—Undulating land, thickly wooded with poplar and willows in bluffs. Surface water was very scarce in September, but there were indications of a plentiful supply in the early summer months. Class, first and second.

### DISTRICT No. 5.

*West of the 2nd Initial Meridian.*

Township 19, Range 15.—Rolling and undulating prairie, with a few bluffs of poplar and willow, in the south-westerly portion. Soil, clay loam with clay sub-soil and mostly first class.

Townships 13 and 14, Ranges 21, 22, 23 and 24.—This block is intersected by the Moose Jaw Creek, which runs through it in a northwesterly course. The country adjoining the creek to the south is low lying, with a great deal of water on the surface. First-class hay is found on these wet flats; on the dry portions cactus and sage brush grow very abundantly. North of the Moose Jaw Creek the country is rolling and undulating prairie, becoming hilly in places. Townships 13, in these ranges, are all third class, also parts of Township 14. The remainder is placed in first class.

DISTRICT No. 6.

*Between the 5th and 6th Bases, West of the 3rd Initial Meridian.*

Townships 19 and 20, Ranges 5, 6 and 7.—With the exception of Township 20, Range 5, which is rolling prairie, this block is very rough and hilly, being for the most part in the Coteau and the Vermillion Hills. The surface throughout is covered by innumerable small hills, grass swamps, and ponds which will render it unfit for all agricultural purposes, except grazing, there being a most luxuriant growth of grass all over the block. The soil is very changeable, a sandy loam with sandy sub-soil, predominating. The tops of many of the sand hills are very gravelly, with some large stones.

Township 17 and 18, Ranges 13 to 16.—The southerly townships of this block are mostly rolling prairie. Township 18, across the four ranges, is hilly prairie, which is very stony in places, having also numerous grass swamps and ponds in the small valleys. Swift Current Creek runs north through Range 13. The valley of the Creek, where crossed by the north boundary of Township 18, is about three-quarters of a mile in width and about 200 feet deep. The soil is about equally divided between sandy loam and clay loam, with a sandy sub-soil.

Townships 17 and 18, Ranges 21, 22, 23 and 24 and Townships 19 and 20, Range 24.—The easterly part of Townships 17 and 18, Range 21, is rolling and sometimes hilly prairie. Sandy loam soil with sand sub-soil.

Townships 17 and 18, Range 24.—The same as the last described. The remainder of the block is occupied by part of the Great Sand Hills, and is perfectly unfit for cultivation. Rates fourth class. A few bluffs of poplar, suitable for building purposes, are found among the sand hills. Fresh water ponds are very scarce throughout, but good water may be found almost any place by digging a few feet below the surface. Large salt water lakes are found in the southerly portion of the block, but the water is so bad that it is unfit for use.

Townships 17, 18, 19 and 20, Range 29, and Townships 17 and 18, Range 30.—With the exception of Township 20, Range 29, which is placed in fourth class, this block is undulating prairie with first-class farming land near the 4th Initial Meridian. The north boundary of Township 18, Ranges 29 and 30, traverses a range of hills which extend a short distance to the north and south of the line, and apparently end a little west of the 4th Initial Meridian.

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EXTRACT FROM THE REPORT OF SURVEY OF TOWNSHIP OUTLINES BETWEEN THE 2ND AND 3RD AND BETWEEN THE 3RD AND 4TH INITIAL MERIDIANS, BY J. K. McLEAN, D. L. S.

*West of the 2nd Initial Meridian.*

Excepting along the meridian between Ranges 22 and 23, Townships 11 and 12, and along the line between Townships 11 and 12, Range 23, where some first-class agricultural land is met with, the whole of this block, being among the Dirt and Cactus Hills, can only be considered second and third-class agricultural

The second block surveyed lies immediately west of the 3rd Principal Meridian, and around Old Wives' Lake. No first class land is met with in this block. South of the lake, on the meridian between Ranges 1 and 2, the land is slightly rolling, but owing to a considerable amount of alkaline, can only be termed second class.

On the meridian between Ranges 2 and 3, Townships 13 and 14, the country is very hilly and stony until section 24 is reached, when the land becomes nearly level and exceedingly alkaline. This alkaline flat extends east to Old Wives' Lake, along Old Wives' Creek, which enters Township 13, Range 3, near the south-west corner, flows in a general north-east course, and joins the narrow neck connecting the two lakes, which form Old Wives' Lakes, a short distance west of the East Lake. North of Old Wives' Lake to Township 17, the country being a portion of the Coteau du Missouri, is exceedingly hilly, with ponds of both fresh and alkali water intervening, and can only be classed as third-class agricultural land.

The next block was made up of Townships 13, 14, 15, 16, Ranges 9, 10, 11 and 12.

This block is hilly with numerous alkaline ponds and flats, and can only be rated third-class.

The 4th block extended over Ranges 17, 18, 19 and 20.

No first-class land was met with in these townships. The southern portion of Township 13 is hilly towards the north, becoming sandy and finally terminating in drifting sand hills, being an extension of the Great Sand Hills.

In the 5th block, composed of Townships 15, 16, Ranges 25, 26, and 27, the country is exceedingly hilly with very little water. Big Stick Lake enters the east side of this block, extending nearly across Range 25. The water of the lake is alkaline. South of the lake the country is very light and sandy.

The southerly portion of Township 41, Ranges 7 and 8 is exceedingly stony prairie. This however extends only to the middle of Section 25, Township 41, when we enter rolling prairie and first-class agricultural land, continuing nearly to the large salt lake met with on Sections 7, Township 42. After crossing this lake the country is generally rolling with a rich sand loam soil, and covered with numerous bluffs of poplar averaging about 7 inches in diameter.

On Ranges 8 and 9 first-class prairie slightly stony in places, extends through Township 41, but shortly after entering Township 42, numerous bluffs of small poplar with willow scrub are met with, and continues to Red Berry Lake, a large lake crossing Sections 36, Township 42, and running north several miles. The water of this lake is alkaline.

Between Ranges 9 and 10, the country west of the meridian is low through Township 41, while east it is first-class prairie. In Township 42, Range 9, there is a considerable amount of poplar and willow scrub, while Township 42, Range 10 is covered with a heavy growth of poplar bluffs, the timber being from 8 inches to 12 inches in diameter. The soil of both these townships is however first-class.

Ranges 10, 11.—The country is first-class sand loam soil, until the middle of Section 13, when it becomes very wet with a great deal of willow scrub, changing in a short distance to a very sandy country with a large quantity of poplar, averaging 8 inches in diameter. The land on the remainder of the meridian between these ranges after reaching Township 42, is rolling and hilly in places, with numerous poplar bluffs, some being of considerable extent. The soil, for agricultural purposes, is chiefly second-class.

Along Township 44, Ranges 13 and 14, the country is exceedingly hilly, with poplar scrub, usually on the northerly slope of the hills, until reaching Sections 7 and 12, when rolling prairie and first-class agricultural land is met with. This continues south to a short distance on Township 43, and extends east a long distance, but reaches poplar bluffs, a short distance west. Bluffs of poplar, with occasional sections of prairie, continue to the end of this meridian. The soil is first-class.

Townships 44 and 43, Ranges 14 and 15.—Poplar bluffs, with willow scrub in swamps, extend south to Sections 7 and 12, Township 43, where prairie is met with. The whole of these ranges is first-class land.

Ranges 15 and 16—Township 44 has a great deal of poplar timber and willow scrub. Nearly the whole of Township 43 is prairie. Both townships are first-class agricultural land.

Ranges 16 and 17.—Until reaching the North Saskatchewan River, the country is first-class, although portions are stony. There is also a considerable amount of timber, sufficiently large for fuel or fencing. The North Saskatchewan River is crossed on Section 6, Township 44.

After crossing this river, a plateau of first-class land extends to the Battle River, which is crossed on Section 25, Township 43. After ascending the south bank of the Battle River Valley, which is here about 80 feet high, a half section of clay, some of which has been used for brick making, is crossed. The country then becomes very sandy, with considerable poplar scrub on the ridges, and continues so almost to the correction line.

North of the 12th Base, between these ranges, Townships 45 and 46, are first-class agricultural land, with poplar timber in bluffs.

Ranges 17 and 18, Townships 44 and 43, Sections 31 and 30 are generally covered with a thick growth of poplar and willow scrub, the land being a rich sand loam, first-class for agricultural purposes.

From here to Battle Creek, which is crossed on Section 12, the soil is second-class, being very light and sandy, covered however, with numerous bluffs of poplar, from 6 inches to 8 inches in diameter.

Ascending the bank south of Battle River, which is about 60 feet high, a fine area of country is passed over. The country is composed of first-class agricultural land, with scrub, until Section 13, Township 43, is reached after which it is prairie, partially hilly, but first-class.

Ranges 18 and 19, Townships 44 and 43.—Until nearly across Sections 25, the country is exceedingly sandy, being rated 4th class, when an extensive range of hills is ascended. These hills form a western extension of the Eagle Hills, running nearly parallel with Battle River, across Ranges 20 and 19, and about half across Range 18, when turning south they join the main range in Township 42.

The country becomes first-class for agricultural purposes, as soon as the hills are ascended, and continues so until the correction line is reached, the soil being a rich, dark, sand loam.

Until Section 31, Township 43 is reached, there is a considerable amount of poplar and willow scrub, with occasional bluffs of poplar, averaging 8 inches in diameter; the remainder of the township being prairie.

Ranges 19 and 20, Townships 44 and 43.—The sand hills, mentioned in previous line, extend south about the same distance, but as soon as the hills, thought to be the western extension of the Eagle Hills, are ascended, the country becomes first-class for agricultural purposes. Poplar and willow scrub, with a thick growth of weeds, pea-vine, vetches, &c., continue south to the north limit of Township 43, after which we have first-class prairie.

Ranges 20 and 21, Townships 44 and 43.—A small lake, with salt water, is crossed immediately on commencing this line, the country being rolling, with light sandy soil, and occasional bluffs of small poplar nearly to the middle of Section 13, Township 44. Ascending the hills, the country becomes first-class land, sand loam soil, and continues so to the correction line. Township 43 is prairie.

Ranges 20 and 21, Townships 45 and 46.—A rolling, sandy country continues north,  $1\frac{1}{2}$  miles, to the valley of Battle River, which river at this place is about 3 chains wide, and 4 to 5 feet deep, with a moderate current, and sand banks from 10 to 15 feet high. The land rises slowly from the river, entering the bluff country at Sections 30 and 25, and is sandy until nearly across Sections 1 and 6, Township 46, after which it becomes first-class, with a heavy growth of poplar and willow scrub.

Ranges 21 and 22, Townships 44 and 43.—The whole of this meridian is rolling prairie, with occasional stony spots. Ranks first-class.

Ranges 22 and 23, Townships 44 and 43.—The whole of this meridian is first-class prairie.

Ranges 23 and 24, Townships 44 and 43.—These townships are very hilly prairie, with numerous ponds of both fresh and salt water intervening. Classes second and third.

Ranges 24 and 25, Townships 44 and 43.—These are also very hilly. Thick bluffs of poplar, averaging 6 to 10 inches, extend south about 2 miles. Further south there is scrub on the northerly slope of hills.

Ranges 25 and 26, Townships 45 and 46.—Nearly the whole of this line is covered with a thick growth of poplar scrub. Section 36, Township 46, is prairie. The land in these townships is nearly altogether first-class.

Ranges 25 and 26, Townships 48 and 47.—These are slightly rolling, with poplar bluffs and scrub, until a short distance on Township 47, when prairie is reached, which continues to the correction line. The land along the whole of this meridian is first-class agricultural land. Battle River is crossed on Section 12, Township 47; it runs in a valley about 150 feet deep, and one-half mile wide.

Ranges 25 and 26, Townships 49 and 50.—Scrub, with occasional bluffs of poplar, extend north across Township 49, the land being first-class. After entering Township 50, the country becomes very hilly, with poplar scrub on the northerly slopes. Big Gully Creek, which is about 15 links in width, and runs in a valley about 100 feet deep and one half mile wide, is crossed on Section 25, Township 49.

Ranges 26 and 27, Townships 48 and 47.—In running south, the whole of this line is prairie, rolling, and slightly hilly in places, but on the whole first-class.

Ranges 26 and 27, Townships 49 and 50.—The country west of this meridian is plentifully covered with poplar and willow bluffs, while on the east, it is chiefly small scrub. The land is first-class. This continues to Big Gully Creek, which is crossed on Section 24, Township 50. North of this creek, the country is very hilly, with poplar scrub on the northerly slopes.

Ranges 27 and 28, Townships 49 and 50.—The whole of this line passes through a good agricultural country. Class first, but overgrown with poplar and willow scrub.

Ranges 24 and 25, Townships 49 and 50.—Through Township 49, the country is covered with poplar and willow scrub, and occasional poplar bluffs, the poplar averaging 8 inches in diameter. The land is first-class.

Township 50 is very hilly, but suitable for grazing; the water of the numerous ponds is usually fresh.

Big Gully Creek is crossed in Section 24, Township 49, expanding into a small lake, where crossed by the meridian.

Ranges 23 and 24, Townships 49 and 50.—These are covered with a thick growth of poplar and willow, nearly the whole length of the line. The soil is first-class for agricultural purposes.

Ranges 22 and 23, Townships 49 and 50.—A growth of poplar and willow scrub covers the country through Section 1, and partially through 12. In the latter section, the trail from Fort Pitt to Battleford is crossed. A hill about 60 feet is then ascended, with a thick growth of poplar scrub on the northerly slope. Descending the hill, the country is slightly rolling prairie, and first-class, until Sections 30 and 25, when poplar bluffs are again met with. The land continues first-class until Township 50 is reached, when a strip of sand, covered with small poplar, and extending across Section 1, is met with. The remainder of this line is first-class soil, with numerous bluffs.

Big Gully Creek is crossed on Section 24, Township 49, the banks not being more than 20 feet high. The North Saskatchewan River is crossed on Section 24, Township 50.

Ranges 21 and 22, Townships 49 and 50.—Section 1 is sandy, and class second. Big Gully Creek, which runs in a valley about 120 feet deep and three quarters of a mile in width, is crossed on Section 12.

Immediately upon entering Section 13 the meridian commences to descend the bank of the valley to the North Saskatchewan River, the township corner between Townships 49 and 50, being in the river.

The township to the west is first-class, with a considerable amount of poplar, averaging from 6 to 8 inches in diameter. To the east runs the North Saskatchewan, with a thick growth of poplar scrub on the south bank.

After crossing the river, the country is first-class with a considerable amount of poplar and willow scrub. English River joins the Saskatchewan a short distance east of this meridian, and passes along the east side, crossing the line in Section 18, Township 50. It is a stream of clear, fresh water from 2 to 3 feet in depth, and about 25 links in width.

Ranges 20 and 21, Townships 49 and 50.—The beginning of this line passes over a sandy country, falling to an alkaline valley to the west, and rising across poplar and willow scrub to the east. Upon reaching Section 12, the country becomes first-class, with bluffs of poplar averaging 6 inches in diameter. The trail to Fort Pitt is crossed a few chains north of the township corner, between Townships 49 and 50. Except a small range of sand hills west of this township corner, the country is first-class.

Turtle River is crossed on Section 36, Township 50. Here it runs in a small valley, about 50 feet deep and 20 chains wide. The river is clear fresh water, from 2 to 5 feet deep, and 40 links wide, with numerous little falls and rapids.

Ranges 16 and 17, Townships 48 and 47.—The country is hilly, with scrub on the northerly slopes, until reaching Jack Fish Lake, on Section 36, Township 47. This is a large fresh-water lake, abounding with whitefish, pickerel and pike. It extends north-west to within about 3 miles of the 13th Base, and south to some distance south of the correction line, with several bays crossing the meridian. It is from 4 to 6 miles in width. A short distance east, there is another fresh-water lake, from 4 to 5 miles in length, and 1 to 2 miles in width. The peninsula between these lakes is first-class agricultural land.

I might state that with slight exceptions, the whole of the country surveyed by me during last season, is first-class. North of the North Saskatchewan River, an almost unbroken area of first-class land extends from Fort Carleton to Fort Pitt, a great deal of which is so covered with bluffs of poplar, prairie intervening, that the settler will have no difficulty in finding fuel. Some of the timber is sufficiently large for small buildings, and in any portion of this area building timber can be found within reasonable distance. The soil is a rich sand loam, growing magnificent grass, wild pea-vine and vetches, and the water, with the exception of a small area of salt country, a short distance west of Fort Carleton, is generally good and fresh. Between the North Saskatchewan and Battle Rivers, after passing the Sand Hills, which extend a short distance west of Battleford, nearly the whole country is first-class, with numerous bluffs of poplar, sufficiently large for fuel, fencing and small buildings. There is also a considerable amount of small poplar and willow. The water, is almost entirely fresh. South of Battle River, there is also a large extent of fine agricultural land, partly prairie, and partly covered with scrub. The soil is a rich, dark sand loam, of considerable depth.

**REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, WEST OF THE 2ND, 3RD AND 4TH INITIAL MERIDIANS, BY F. W. ARMSTRONG, D.L.S.**

*General Description of Land, West of the 2nd Meridian.*

Township 9, Range 9.—Broken by sloughs; the water is good. The soil, though in places good, is, for the most part, gravelly, with a large quantity of surface stone. No timber.

Township 10, Range 9.—The southern portion is much the same as the last township. The northerly part is fair; the soil a grey clay, about 18 inches deep,

with bluish-white clay sub-soil. The land is rolling and fairly watered with ponds and sloughs. Water good; no timber.

Township 11, Range 9.—The southern three-quarters, as far as the lake, are the same as last township. The northerly quarter is rough and hilly. The soil is gravelly; no timber. The lake on the northerly portion has abounded in pickerel, pike, and whitefish; but through some cause unknown, the shores were strewn with them in a decomposed condition. The water in the lake is fresh.

Township 12, Range 9.—Not so good, being very hilly and broken. The soil is light and gravelly.

Township 9, Ranges 11 and 12.—Are a rolling prairie. The soil a grey clay, with bluish-white clay sub-soil. The grass is very short; the water good, with few exceptions; no timber.

Township 10, Range 11.—Same as last.

Township 10, Range 12.—A rolling prairie. The soil a grey clay; very friable; the growth of grass very good; water good; no timber.

Townships 11 and 12, Ranges 11 and 12.—Are a rolling prairie. The soil, a friable dark loam, with blue clay sub-soil, except at the north-westerly corner, which is inclined to be sandy; water, where found, good; no timber.

Township 17, Ranges 29 and 30—Are pure sand and unfit for settlement. Along Thunder Creek they are covered with poplar and cherry brush.

Township 18, Ranges 29 and 30.—South of Pelican Lake are an open, rolling prairie. The soil, a reddish clay; the growth of grass is short; water good, but scarce.

*West of the 4th Initial Meridian.*

Township 16, Range 5—Is hilly and broken. The soil a poor light sand; no water except in the river, which almost divides the township in two. The prairie is overgrown with cactus and sage plants. There is some timber in patches along the river banks in the valley, which is only approachable in a few places, being about 250 or 300 feet deep. The river at the time of the survey was about 12 feet deep in centre and about 12 chains wide. The current is very strong, but there is no reason why it should not be navigable.

Township 15, Range 5.—The northern portion is the same as the last; the southern portion is not quite so hilly.

Township 14, Range 5—Is a rolling prairie. The soil, for the most part, a pure sand. There are some good springs of water flowing through deep ravines down to the river. Poplar of considerable size is to be found growing along these gullies. The river traverses this township. That portion of the township to the east is one mass of conical-shaped clay cliffs.

Township 13, Range 5.—The south-westerly quarter is very fair land, being a level prairie. The soil a grey clay, with bluish-white clay sub-soil, interspersed with some patches of sand. The balance is more rolling, with more sandy places. The river runs through this township at its north-west angle, and then takes its course east, forming almost its north boundary. There are some settlers on the south-west corner. The crossing known as Medicine Hat is just south of the base, about the middle of the township. All along the river bottom, cottonwood of good quality, quantity and size is to be found. There are many indications of coal along the river banks to the south.

Township 13, Ranges 7 and 8—Are a rolling prairie, with no water nor any wood. The soil is a grey clay with bluish-white clay sub-soil. The growth of grass is very short.

Township 14, Ranges 7 and 8—Are the same as last, but in places, more gravelly.

Townships 15 and 16, Range 13—Are a slightly rolling prairie. The soil, where good, is a grey clay. A large portion of the townships is sandy. There are a few good sloughs, but dry. No water.



Townships 13 and 14, Range 13—Are more rolling, and the soil is a grey clay. The grass throughout is short. No water, except at Bow River, which traverses Township 13.

Township 13, Range 16—Is a rolling prairie; very dry. Soil, grey clay. The grass is very short. No wood.

Township 14, Range 16.—The same as last. There is no water except at Bow River, which runs through the township. No wood. There are some strong indications of coal along the banks of the river.

Township 13, Range 21—Is a rolling prairie, but rough and broken on its eastern portion. It forms part of the range of hills known as the Black Spring Ridge. The grass is short, and the water scarce.

Township 14, Range 21.—Same as last. Very much broken on the north by deep ravines running into the valley of Little Bow River, the banks of which here are very high and steep.

Township 15, Range 21.—Is divided in two by Snake Valley. It is very rough and broken. The soil is a grey clay with surface stone. The water is very scarce. There are some good hay marshes in the valley.

Township 16, Range 21.—Same as the last.

Township 13, Range 24.—A good level prairie. Soil good, but in places gravelly; grass is very short; water scarce, except at Little Bow, which runs through the township on its north boundary. The Black Foot Crossing trail also runs through this township.

Township 14, Range 24.—A level prairie. The soil, a rich black loam; water is scarce, except at the river. No wood.

#### *Description of Lands West of the 5th Initial Meridian.*

Township 12, Range 1.—The east half is very hilly, and there is a considerable amount of scattered spruce timber; good grass, and plenty of good water. The township is unfit for agricultural purposes, but there is good grazing land.

Township 11, Range 1—Same as last.

Township 10, Range 1.—Is very hilly and broken. North sides of the hills covered with timber of spruce and poplar. Unfit for settlement. Good grass in the valleys and on the south sides of the hills. A good cattle ranche.

Township 9, Range 1.—Is very hilly and broken. Some timber on north sides of hills. Good grass and water. Excellent pasture land.

Township 8, Range 1.—Not so much scattered timber. Very hilly. Good water and pasture.

Township 7, Range 1.—The north, middle and south forks of the Old Man's River flow through the township. Good grass. Water in abundance and good shelter. There is some timber, poplar and cottonwood, along the river bottoms. An excellent pasture ranche. The snow never remains here longer than two or three days, owing to the prevalence of the "Chinook" winds.

Township 6, Range 1.—Some portions are fit for settlement. An excellent cattle ranche. The South Fork of the Old Man's River runs through this township. Part of it is amongst the foot hills of the mountains. Some poplar and spruce groves are scattered throughout.

Township 5, Range 1.—The eastern portion is very much broken by gullies, and the foot hills of the mountains. The land is covered with scrub and poplar timber. There is some good spruce near the southern boundary. The western part is in the mountains.

Township 4, Range 1.—There is only a small portion of the eastern part that is not in the mountains. Is very rough and broken, and the land is covered with scrub, small spruce and poplar.

Township 6, Range 2.—South of the South Fork is very broken and wet, and all covered with willow scrub. The northern portion is rough and broken, and the soil gravelly. What little good land there is in it, is occupied by the Garne

Brothers, and Messrs. Johnston and Jarvis. There is some good spruce timber, cottonwood, and poplar on the north-west portion of the township.

*Description of Lands West of the 4th Meridian.*

Broken Township 12, Range 30.—Very broken and rough; amongst Porcupine Hills. Unfit for settlement. Good grass and water. Some spruce groves scattered through it.

Broken Township 11, Range 30.—Same as last.

Broken Township 10, Range 30.—Very broken and hilly. Some good spruce timber. Unfit for settlement, and the south part only fit for cattle ranche. Grass and water plentiful, and good on latter portion.

Broken Township 9, Range 30.—Very broken and hilly. The north sides of the hills are all well timbered with spruce and white pine, of various sizes and quality. In the valleys and on the south sides of the hills the grass is plentiful and good. Water is in abundance everywhere.

Broken Township 8, Range 30.—Timber very scattered and of poor quality. Good grazing country, but unfit for settlement.

Broken Township 7, Range 30.—Broken and hilly. Some deep gullies run back from the Old Man's River, which flows through it. No timber except along the river, where there is a little spruce, poplar and cottonwood. Good grass and water. Excellent cattle ranche.

Broken Township 6, Range 30.—Good farming land, as far as soil is concerned. Good grass and fairly well watered. Pincher Creek flows through this township. The land along the creek is all taken up.

Broken Township 5, Range 30.—Is very broken by the foot hills. An excellent grazing ranche in summer. Some good hay land, and plenty of water. Not much timber, but plenty of willow, poplar, underbrush and scrub.

Broken Township 4, Range 30.—Is a heavy, rolling prairie, covered with willow scrub and bluffs of poplar. Good grass and water, but it is of no use for winter ranche on account of the depth of snow. The Forks of the Kootenai, which flow through this township, divide it into three different parts. These streams flow in valleys, 150 to 200 feet deep, and are very rapid. Their source is in the mountains.

Township 8, Range 29.—Is very broken and hilly, being at the south end of the Porcupine Hills. Tennessee and Beaver Creeks flow through this township on their course to the Old Man's River. Some excellent grazing land and some scattered spruce timber are found along these creeks.

Township 7, Range 29.—Is divided in two by the Old Man's River. The north half is rather broken by gullies, but the grass is good. The south half, though hilly, is an excellent grazing lease, having good and numerous springs scattered through it, and good shelter for the cattle under the ridges. Pincher Creek also flows through the south-east corner of this township.

Township 6, Range 29.—Is all good farming and hay land, well watered by springs and Pincher Creek. The land is nearly all taken up.

Township 6, Range 28.—Is open prairie; rather inclined to be dry in summer. The grass is good.

Township 5, Range 28.—Is well watered by Drywood Creek, its many tributaries, and the Kootenai River. Along the latter there is some poplar and cottonwood. The grass is good.

Township 4, Range 29.—Is very much broken by sloughs, and covered with islands of poplar, scrub and willow brush. The grass is good and water plentiful. A good summer grazing ranche, but snow lies too deep in winter.

Township 4, Range 28.—Is hilly and broken, west of the Kootenai River, which flows through it, from south to north. East of it, the land is broken by long and deep *coulées* running back from the river. No timber, except poplar and cottonwood in river bottoms.

Township 3, Range 29.—Is very broken and gravelly. The land is much broken by sloughs, and covered with willows, scrub and young poplar.

Township 3, Range 28.—This township is bounded on the east by the Kootenai River, and is cut by the Belly in the south-east corner. The land slopes each way to the rivers. The grass is good. No timber or water, except in river bottoms.

Township 2, Range 29.—Is very rough, and broken by points of hills jutting out from the Rockies. The soil is poor, and grazing not very good. The Kootenai Lakes and River are about the middle of the township.

Township 2, Range 28.—Is traversed by Belly River from south to west. The land on the west side of it is light and broken, and in places stony. On the east, the soil is better, being more of a clayey character, but rough and broken. Some timber on river bottom.

Township 3, Range 27.—Is almost entirely part of the Blood Indian Reserve.

Township 4, Range 27.—Is broken by two large lakes, around which are some good hay marshes. Belly River divides the township in two. There are some good bottoms along the river flats, and good timber. There are some squatters along the river.

Township 5, Range 27.—Is well watered by both the Kootenai and Belly Rivers. The land slopes both ways to the rivers, from a ridge running about midway. The soil is light, but the grass is good, though not long.

Township 6, Range 7.—The soil is light, gravelly and very dry.

Township 5, Range 26.—Is good grazing land, and is divided by Belly River, which runs diagonally through it. What bottoms there are along the river fit for settlement, are nearly all taken up.

Township 6, Range 26.—Is rather broken, but the soil is good. Good grass; well watered by the Kootenai. Plenty of timber, chiefly poplar and cottonwood along the river.

Township 6, Range 25.—Is a good grazing lease, but not much adapted to farming. What land there is, fit for settlement, is taken up. The Kootenai makes its confluence with the Belly, in the northern portion of this township.

Township 9, Range 25.—Is very dry, rolling land. The only water is in the Old Man's River, which runs through the township. The river runs in a valley almost inaccessible in places, and very rocky. There is some poplar and cottonwood timber along the river.

Township 10, Range 25.—Is a very dry, rolling prairie. Soil very light. Some timber on the Old Man's River, which runs diagonally through the township.

Township 9, Range 26.—Is broken by the Old Man's River and Willow Creek. Along the river bottoms there is some poplar and cottonwood timber. Fort McLeod is partly on this township and partly on Range 25, situated on an island caused by two beds of the stream, along both of which the water flows when high. The soil, south of the Old Man's, is nothing but gravel; north, it is dry, light sand.

Township 10, Range 26.—Is a dry, rolling prairie, the soil being a light, sandy loam, with some gravel ridges.

Township 12, Range 29.—Is very broken and hilly, forming part of the Porcupine Hills. There is little or no timber on this township. Trout Creek flows through the township and is situated in a valley about 2 miles broad, and sloping gradually to the creek. Quinn and Lindor are the names of two settlers who have squatted there. The grass is good and water plentiful, there being a large number of springs in the side hills.

Township 12, Range 28.—Is broken and hilly. No timber. The south fork of Willow Creek and another creek flowing into it, run through this township, both being fed by the numerous springs everywhere visible. The grass is good and long. It is a good ranche.

Township 11, Ranges 28 and 29.—Are both broken and hilly. The south fork of Willow Creek runs through the northern portion of them. The grass is good. There is some timber along the south fork.

Township 13, Ranges 29 and 30.—Are very rough, broken and hilly. The soil is a rich, dark loam, and the grass good and long. There is some spruce timber to

the south of Trout Creek, well adapted for building purposes, and some dry, scattered trees throughout the northern portion of these townships. Trout Creek flows from west to east, through the southern portion of them.

Township 14, Ranges 29 and 30.—Are also hilly and broken. Willow Creek flows through the southern portion of them, in a valley 100 feet deep; the banks on both sides being very steep and rocky, and only accessible in places. The stone in these banks is a hard sandstone, well suited to building purposes. There is no timber, except along the creek. The northern portions of these townships are thickly covered with willow scrub. The grass is good, and water plentiful. An excellent cattle ranche.

Township 13, Ranges 25, 26 and 27.—Are a very dry rolling prairie. Soil, light and sandy; grass poor; no timber.

Township 13, Range 28.—East of Willow Creek the soil is light and sandy. West of it, it is gravelly. The Calgary and McLeod trail runs through this township. There are some poplar and willows along the Creek. The grass is very poor; no timber.

Township 14, Ranges 25, 26 and 27.—Are a very dry rolling land. Soil, light and sandy. In Ranges 25 and 26 there is a large lake, the water of which is alkaline. The land on both sides of the lake is hilly and sandy. Little Bow River flows through Range 25. No timber.

Township 14, Range 28.—Is a dry rolling prairie, with an occasional pond, or slough. The grass is poor. No timber, except in a pine *coulée*, and there only in small quantity.

Township 15, Range 25.—Is a dry, rolling, open prairie. The grass very poor and no water, except in Little Bow River and Musquito Creek, which just touch the south-west corner. No timber.

Township 15, Range 26.—The same rolling prairie. Soil, sandy; the grass fair. Little Bow River and Musquito Creek both flow through it. No timber.

Township 15, Ranges 27 and 28.—Same as last, except that the river does not touch them. No timber.

Township 16, Range 25.—Is a very dry, rolling, open prairie. The grass very poor and the soil sandy.

Township 16, Range 26.—Is watered by Little Bow River. The land is rolling; grass fair; no timber.

Township 16, Range 27.—Is well watered by Musquito Creek. Grass fair; soil, a sandy loam; no timber.

Township 16, Range 28.—The eastern half is a rolling prairie. Soil, sandy loam, and grass good. The western portion is hilly, forming part of the Porcupine Hills.

Township 8, Range 24.—That part, north and west of Belly River, is a good friable sandy loam, with poor growth of grass. Along the river there are some good bottoms, but are all squatted on by settlers. East of the river, the soil is a greyish clay, very dry, and apt to bake. Some timber along the river.

Township 8, Range 23.—Is rolling and dry. Grass good; soil, a rich sandy loam, with grey clay sub-soil; no water, except in Belly River, which just touches the north-east corner. There are some long and deep *coulées* jutting out from the east side of the river. Some timber is found in river bottoms. Soil in river bottoms, very light and gravelly.

Township 8, Range 22.—Is very much cut up by both the Belly and St. Mary's Rivers, which have their confluence about the centre of it. Coal abounds in the river banks along the Belly. The soil is very light and sandy. The growth of grass is good. The old fort known as "Whoop-up," is now occupied by David Acres, who has a large piece of land under cultivation. He speaks well of his crops and has met with no severe losses from frost, or otherwise. The Fort is situated on the Belly River, near its confluence with the St. Mary's.

Township 8, Range 21.—Is a very dry, rolling prairie, the western part being very much broken by the Belly River, and *coulées* adjoining it. Some timber along the river. The soil is a light, sandy loam. The growth of grass is poor.

Township 8, Range 20.—Is a dry rolling prairie. No water; and grass very poor.

Township 9, Range 24.—Is a very dry, rolling prairie, broken by Belly River, which flows across the south-eastern portion of it. Some good timoer along the river.

Township 9, Ranges 23 and 22.—Are both cut up by Belly River. The soil is light and land rolling. Some timber along the river.

Township 9, Range 21.—Is very high and dry rolling land. Soil, sandy loam. The western part is very much broken by the deep *coulées* adjoining the river.

Township 9, Ranges 20, 19, 18 and 17.—Are very dry, rolling land, broken only between Ranges 19 and 18, by a large slough in Chin *coulée*. The soil is very light, sandy loam; growth of grass, short.

Township 9, Ranges 16, 15, 14 and 13.—Are the same as last, a very dry, rolling prairie, and soil a very light, sandy loam, and bakes very hard. The only water to be found is in a lake on Range 16, a spring near the trail on Range 15, Township 10, and a few shallow sloughs on Range 14. On the line, between Ranges 13 and 14, was crossed a long narrow lake, in a deep gully, which was taken to be the head waters of Forty Mile *coulée*. The land, in many places, is very stony.

Township 10, Ranges 13, 14, 15 and 16.—Are a very dry, rolling country. Soil, very sandy. Belly River flows through the west edge of Range 16. There is some timber in the river bottom.

Township 10, Range 17.—Is very rough and broken, being cut up by Belly River, and some very deep and long *coulées*, running into it from the south. The soil is very sandy. There is some timber along the river.

Township 10, Range 18.—Is a dry, rolling prairie. Soil, very light. Belly River runs through the northern portion. Some timber along the river.

Township 10, Range 19.—Is broken on the north by Belly River. The land is rolling and soil very light. Some timber in river bottom.

Township 10, Ranges 20 and 21.—Are a dry, rolling prairie. Soil, a light, sandy loam. Range 21 is one mass of *coulées* and river bottoms. The river flows in a valley, which is about half a mile broad, and with banks about 300 feet high. Coal crops out in numbers of places along the banks.

Township 10, Ranges 22 and 23.—A dry, rolling prairie. Soil, a light, sandy loam, with some surface stone. The Old Man's River flows along the southerly boundary of Range 23, and has its confluence with the Belly River about the middle of the Range.

Township 10, Range 24.—Differs only from the last, in that the Old Man's River flows diagonally through it. There is a little timber along the river bottom.

Township 11, Ranges 24, 23, 22, 21 and 20.—Are all a very dry, rolling prairie. The soil a light, sandy loam, with surface stone. Scabby Bâte, well named from its appearance, is on Range 22. Coal crops out in the banks of the Bâte.

Township 11, Range 19.—Is divided in two by Little Bow River, which here has its confluence with Belly River. The soil is all very light and stony. No timber, except on Belly River.

Township 11, Ranges 18 and 19.—Are a very dry, rolling prairie. Soil, sandy and gravelly.

Township 11, Range 16.—Is part of the Horse Shoe Bend, on the Belly River. The soil is very light, and land rolling. There is no timber along the river. A small quantity of driftwood is sometimes found.

Township 11, Ranges 15 and 14.—Are rolling prairie. Soil, sandy and stony. No timber along the river.

Township 11, Range 13.—Is very broken by Belly and Bow Rivers, which have their confluence in it, and form the South Saskatchewan River. There is a little timber at the mouth of Big Bow River. The land is all very light and rolling, with surface stone. On the north side of the South Saskatchewan, in some of the large, deep, *coulées* there are strong indications of coal. The river here flows in a valley, which is 300 feet deep and about half a mile broad.

Township 12, Range 13.—Is very rolling, with sand hills scattered over it. Some few sloughs. A corner of it is cut off by Bow River. No timber.

Township 12, Ranges 14 and 15.—Are a dry, heavy, rolling prairie. Soil, sandy and stony. Some few scattered sloughs. No timber.

Township 12, Range 16.—Is very rough, the surface being very broken by hills and very stony. Very little water. No timber.

Township 12, Ranges 17 and 18.—Are a dry, rolling prairie. Soil, sandy and stony. No timber.

Township 12, Ranges 19 and 20.—Are broken by Little Bow River, whose banks here are steep and very stony. The soil is very light and sandy.

Township 12, Ranges 21, 22, 23 and 24.—Are a rolling prairie. Soil, lig sandy loam. No water; no timber.

Township 8, Ranges 15, 14 and 13.—Are a rolling prairie. Very dry. The soil, light sand, with stones.

Township 7, Ranges 15, 14 and 13.—Only differ from the last, in that, Chin *Coulée* runs through them. The *coulée*, or valley, is about a quarter of a mile broad, and about 150 feet deep. The banks are very steep and stony. There is a bed of creek along the centre of the valley, and an occasional lake. The water is alkaline and thick.

Township 6, Ranges 16, 14 and 13.—Are a heavy, rolling prairie. Soil, very light and stony.

Township 5, Ranges 15, 14 and 13.—Are broken by another large *coulée*, which forms itself into a long lake, some 9 miles long, by about 1 mile broad. The water is clear and good. The banks of this *coulée* are not so deep as Chin *Coulée*, but are very stony. The soil is all a light, sandy loam, with surface stone. No timber.

REPORT OF SURVEY OF THE 8TH BASE LINE, BETWEEN THE 3RD AND 5TH INITIAL MERIDIANS, ALSO PART OF THE 8TH, 7TH, 6TH AND 5TH BASE LINES AND MERIDIAN EXTERIORS, WEST OF THE 5TH INITIAL MERIDIAN, BY THOMAS FAWCETT, D.T.S.

*The 8th Base West of the 3rd Initial Meridian.*

The 8th Base Line intersects the easterly limit of Range 9, on the left bank of a deep ravine, the banks of which are jagged and broken, and in places clothed with timber, the latter mostly poplar and white ash, with scrub. A small creek of alkaline water (bearing south-east to the Saskatchewan) flows in the bottom of the ravine. The surface across Range 9 may be called hilly and undulating. The soil, principally a good clay loam with clay sub-soil, is well adapted for all purposes of farming. Water is abundant in muskegs and ponds, and for the most part is fresh.

Range 10 agrees in many respects with the previous range, the soil being the same. Water is not quite so plentiful. The surface is more level, but in many places lumpy, and rough in consequence of the surface being divided into five-sided figures, that peculiar surface formation which is so often met with throughout the North-West. The grasses at this period (26th May) have already attained a good growth, so that there is feed in abundance for the horses, or quite as good as we found last year, east of Moose Jaw, up to the 12th June. Several species of the vetch have been in bloom for about a week, and many other flowers are also in bloom. The trees in the vicinity of the Saskatchewan were quite green with foliage on the 20th of May.

Ranges 11 and 12, in regard to soil, grasses, &c., differ very little from Range 10. The surface is more level, and a greater portion of it lumpy. The soil, although first class, is rather inferior to that of Ranges 9 and 10.

In Section 34, Range 12, the line crosses a stream of alkaline water flowing in a north-easterly direction, having an average width of 25 feet, 18 inches depth, and a

velocity of about four miles an hour. Half a mile south from the base, at this point, a long string of lakes are seen bearing south-west, and extending as far the eye could discern, out of which the above mentioned alkaline stream empties.

In Range 13, the surface is rather more undulating. Water however, becomes quite scarce, the marshes being fewer in number, but as a rule larger in size. The water in the marshes for this period of the year, I presume, will be below the average, there having been no rain of any consequence since the disappearance of the snow to the present.

From the easterly limit of Range 14, westward, the surface becomes more undulating constituting the foot hills of the Grand Coteau. The soil is a good clay loam with clay sub-soil. Water fresh and abundant in the ponds, and marshes. Grasses luxuriant. Some of the hill-sides contain a growth of sage bush.

Range 16 being in the Coteau, several deep ravines and high ridges are crossed, the drainage being south-westerly towards a lake situated in Range 18, at some distances from the line. A large valley traversing Range 18 indicated drainage in the same direction.

In Range 19, the prairie becomes gently undulating, and from Section 34 has a westward slope to a long alkaline lake, trending in a north-easterly and south-westerly direction, and which is crossed by the line in Section 32. While camped near this lake, on the 31st of May, we encountered a heavy wind from the N.N.W., accompanied at first by rain, which changed to snow. The wind began about four p.m. and ended sometime after midnight.

Range 20, is undulating prairie. The soil a good clay loam, with scattered boulders. Surface water scarce. From Section 31, a large lake was seen, about four miles northward from the line.

Range 21, presents the same characteristics as the preceding one, except that the surface becomes rather more hilly and water is more plentiful.

Ranges 22 and 23, are also similar to the preceding, except that Range 23 is traversed by several alkaline clay flats.

In Range 24, vegetation becomes scarce, the soil becomes much lighter, owing to the absence of sod of any thickness on the surface. In Section 33 of this range, the line crosses a long alkaline lake, which extends six or seven miles in a northerly direction.

The soil in Range 25, and westward, becomes of much better quality. In Sections 36 and 35, an alkaline lake about a mile and a-half in length, by half a mile in width, is traversed lengthways by the line. Southward from the lake, the surface is nearly level, while to the north it is quite hilly. In travelling westward along the line, in Section 32, we descend into a large *coulée*, from which we ascend again in Range 26. A winding stream about 25 feet in width, 12 inches in depth, with scarcely perceptible current, winds its way down the valley towards the south-east. From the bank of the *coulée* westward, the surface becomes quite hilly until Range 27 is reached, when comparatively level prairie again prevails, and continues westward to the 4th Initial Meridian. The soil continues good, and a considerable quantity of good water is obtainable, but a string of alkaline lakes stretches from the 8th Base southward, to the 7th Correction Line in Range 28.

#### *The 8th Base, Westward from the 4th Initial Meridian.*

In Ranges 1 and 2 the soil is a rich clay loam, some 18 inches in depth, the surface gently undulating, and the country nicely watered by ponds and sloughs, mostly fresh. A small stream, 4 feet wide and 4 inches deep, bearing south to a small lake, was crossed in Section 36, Range 2.

Ranges 3 and 4 are more hilly than the last, consequently ponds and marshes are more numerous. The soil is good. On the hill-tops, scattered boulders are imbedded in the soil.

In Range 5 the surface becomes more of a gently rolling prairie. Land, first-class. In Section 32 the line crosses the cart-trail, from the Forks of the Red Deer to Edmonton.

Ranges 6 and 7 are rolling prairie, with numerous lakes and marshes.

In Range 7 a long lake, south of the line, begins in Section 34 and continues parallel with the line to Section 32. Numerous alkaline and fresh-water ponds and marshes are scattered throughout these ranges.

Ranges 8, 9 and 10 are in many respects similar to the preceding ranges, the soil being rather inferior in quality.

In Section 36, Range 11, the line crosses and re-crosses several times, a small stream. In Sections 32 and 33, two other streams are crossed, their course being south-west towards the Red Deer River. The water was good, with but slight indications of alkali.

Ranges 12 and 13.—Continuing westward, the soil is of better quality, with the surface gently undulating; while the ponds and marshes afford fresh water.

South of the line, in Section 33, Range 14, a cut bank, about 100 feet in height, showed a surface soil of dark loam 20 feet in depth, with clay sub-soil; and underneath, a grey sandstone, of excellent quality, extended downward as far as could be seen. The country here is broken by several *coulées*, which invariably show outcrop of sandstone and ironstone.

The surface, toward the westerly boundary of Range 15, becomes more hilly, and is consequently more broken by lakes and marshes.

The easterly portion of Range 16 is very hilly and much broken; but from Section 35, westward, the country is well drained into a large lake,  $2\frac{1}{2}$  miles south of the line, which is connected with another lake at about the same distance from the line, northerly. A large stream, with high banks, bearing south-west, empties out of the lake, south of the line, into the Red Deer River.

In Range 17 the surface begins to descend, from the summit of the Sand Hills, towards the river; and in Section 32 the line crosses a deep *coulée*, in which a small alkaline stream runs south-west to the river valley. Outcroppings of coal were seen at several places in the river banks. From one seam, about 3 feet in thickness and 20 feet from the surface of the ground, excellent specimens of hard coal were obtained. Timber, principally poplar, was seen both up and down the stream. Several deep *coulées*, containing timber and bearing south-west, were crossed in Range 18. The surface soil in this part is of excellent quality. The descent continues gradual until, in Section 33, Range 29, we come in contact with the deep ravines on the banks of the Red Deer River. The banks at this point are very steep and high, being, by actual measurement, upwards of 700 feet. In Section 31 we reach the stream, which, at this point, is about 150 yards wide, from 5 to 10 feet in depth, and with a current of about 3 miles an hour. The stream is bordered with timber, principally poplar, cottonwood and willow, while quantities of spruce are found in the numerous deep *coulées* opening into the valley. The mound marking the east boundary of Range 20, is near the right bank of the stream, and for about 3 miles westward the line passes over a succession of cones, from 200 to 300 feet high, and in many cases terminating in a point at the top. These cones are mostly composed of argillaceous and arenaceous shales, with occasionally a layer of carbonate of iron, generally about 6 inches in thickness, while coal seams of considerable thickness are found at various depths from the surface. Both coal and iron will be obtained here in paying quantities at no very distant period.

After ascending from the valley in Range 20, in passing over the next three ranges, the country is much cut up by deep *coulées*, from 100 to 400 feet in depth, and with banks, in places, almost perpendicular. These *coulées* are filled with timber, mostly spruce and poplar. The soil along here was of the richest black loam, but water was very scarce.

In Range 24, the summit of a range of hills which has been seen for some distance south-west, and running in a north-westerly direction, is reached. At this point we got our first view of the Rockies. This range and Ranges 25 and 26, are a gentle



undulating prairie. Water is more plentiful, and the land is first-class, and well adapted for all purposes.

In Section 32, Range 27, the line crosses the Rosebud River, which, when crossed, was a beautiful stream, about 20 feet wide and from 2 to 4 feet deep, with a current of about a mile an hour. Sandstone was seen outcropping from the banks of the valley.

In Range 28, at Savasse Berry Creek, a branch of the Rosebud, was crossed. This stream was similar in appearance and size to the Rosebud.

In Section 34, Range 29, just east of the 5th Initial Meridian, a deep *coulée* bearing south-east, in which a small stream meanders, is crossed. The soil here is first-class; indeed the land generally is of very good quality, and would form a desirable place for settlement. In fact, all the land westward from the Red Deer River would be well suited for all purposes of agriculture, should the climatic conditions prove favourable.

#### *8th Base, Westward from the 5th Initial Meridian.*

The country entered upon after leaving the 5th Initial Meridian, is a beautiful undulating plain, clothed with a thick growth of short scrub willow, from 1 to 2 feet high. The soil is of the best quality, grasses are luxuriant and water plentiful.

In Section 36, Range 3, the line crosses a beautiful stream which runs to the north and appears to be a branch of the Little Red Deer River. The banks of this stream are fringed with willow 10 feet high; the water is cold and clear as crystal, teeming with fish. Westward from the stream, the willows which covered the ground, presented a burnt aspect, until a large valley, containing an excellent meadow, is crossed in Section 32. The western bank of this valley is clothed with a heavy growth of cottonwood, Balm of Gilead and willow. Westward, the scrub becomes of considerable size, with occasional clumps of timber.

Several spring creeks, varying in size from a small streamlet to a creek of 40 to 50 links wide, are crossed in Range 4. As we advance, the timber consisting of poplar, Balm of Gilead and willows, becomes more dense and the surface is more broken by deep *coulées*, one of which, crossed by the line in Section 36, Range 5, contains a boggy flat, bearing south-east, north-west, and expanding towards the north-west into a string of deep lakelets. The soil, which up to this point has been first-class, westward from the *coulée*, becomes very stony, while the surface is covered with a dense growth of small pine, spruce and poplar, varying in size from 1 to 10 inches in diameter.

In Section 32, a well beaten pack-trail was crossed, and upon entering Range 6, the carts had to be abandoned, the hills becoming so very numerous and steep.

In Section 36, Range 6, the line crosses the little Red Deer River, a stream of considerable size, flowing north-east. The banks of this stream rise to upwards of 500 feet above the water.

Range 7 is a succession of ridges, extending south-east and north-west, parallel with the mountains, and each succeeding hill to the west is higher than the last, until an altitude of over 1,000 feet above the Little Red Deer River is reached. We then descend again into the valley of the river, which has been winding along at some distance south of the line, and the stream is again crossed several times.

The stream, when crossed here, is upwards of 600 feet higher than when crossed in Range 6. The timber, consisting principally of pine and spruce, is much heavier, some of the trees attaining a diameter of 30 inches. The valleys contain the spruce, while pine grows on the hills and higher grounds.

After entering Range 8, the line passes for some distance along the south bank of the stream, and finally crosses one of its principal branches in Section 34. From this point the surface ascends until the highest point crossed by the line is reached in Section 32, when, towards the west, is an abrupt descent of upwards of 1,000 feet.

The iron bar marking the east boundary of Range 9 is planted in the cleft of a rock on the top of a high, steep ridge. This range, like the preceding, is formed of

successive ridges, but they are not so abrupt. The pine here is somewhat smaller. Several good sized streams of water were crossed, and in Section 31, (N.-W.  $\frac{1}{4}$ ) we leave the timber. From here the line passes along a long slope of broken rock, until within a few chains of the township corner, when we come in contact with a high rock, rising almost perpendicularly upwards of 2,000 feet. A witness mark was chiseled on the rock 73 liks east of the township corner, marking easterly limit of Range 10.

*7th Base, West of 5th Initial Meridian.*

Beginning at Range 5, the country is gently undulating prairie, with patches of willow and other scrub. In Section 33, the cart-trail from Calgary to Morleyville, was crossed. As we proceed, several small lakes are seen, and the patches of scrub give way to larger belts of timber, until in Section 35, Range 6, we meet a dense spruce and poplar grove, on the margin of a lake, which is crossed by the line. From here westward, the surface becomes much more hilly, and the timber larger than any seen to the east.

In Range 7, we cross some high hills and deep ravines, and in Section 33 the line crosses a deep, long lake, with an outlet at the north-east extremity, and a boggy stream entering at the other. On the north-west bank of the lake is the pack-trail from the Kananaskis Pass to Calgary. In this part we meet spruce, pine and poplar, as in the other parts, and also a species of pine which, in its bark and leaves, very much resembled ordinary hemlock. This, I supposed to be the Douglass Pine. These pines were found of gigantic size, some of them being upwards of 4 feet in diameter, but the branches grow almost to the root of the tree.

From Section 35 to Section 23, in Range 8, the line crosses a level, treeless plain, which extends between the Kananaskis and Bow Rivers. The cart-trails, which follow up the river valley, were crossed here. In Section 33 we again meet with timber, and in this same section we cross the line of the Canadian Pacific Railway and the Kananaskis River, near its junction with the Bow. The Bow River here rushes over a rocky precipice, and forms a beautiful series of falls. Both the Bow and Kananaskis Rivers afford many first class mill sites, in fact, I know of no place where the water would be more conveniently utilized for a power than at the falls, near the confluence. In Section 32, the line crosses the Bow River, and on the bank of the stream, the cart-trail from Morleyville. From here westward, the country is hilly, with a growth of small, scrubby poplar and spruce, which continues until the mountains are reached in Section 36, Range 9, about a mile north from Padmore, on the Canadian Pacific Railway.

*The 6th Base, West of the 5th Initial Meridian.*

Commencing at Range 3, the line crosses successive hills and valleys, covered more or less with scrub and small poplar trees, while the streams are generally bordered with spruce. In Section 32, of this range, we cross the north fork of Sheep Creek. The soil is good and suitable for farming purposes. The easterly portion of Range 4 is similar to the preceding, until the stream is again crossed in Section 32, where the surface, which becomes much more hilly, is covered with a network of fallen timber, dense scrub, and in places large trees, mostly spruce. The same prevailing characteristics were found as far as we penetrated the Rockies on this line. While in Range 5, at an altitude of between 5,000 and 6,000 feet above the sea level, we experienced a heavy snow storm, the snow falling some 3 feet on the level, and drifting on the hill sides and in the valleys, to such a depth as to render it almost impossible to make any headway. After descending from the mountains, we found, that at the base, not more than 8 miles eastward from where we had been, the snow had not fallen more than 8 or 10 inches in depth.

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*5th Base, West of the 5th Initial Meridian.*

Commencing at Range 3, the easterly limit is located on the right bank of a branch of High River, and in Section 34 the stream is crossed. Along the edges of the stream is a belt of spruce, poplar and cottonwood, and just north of the line, on the east side, is the house of a settler, who had some cattle and horses grazing in the valley of the creek. The soil here was suitable for the growth of cereals, but more especially adapted for pasturage.

Range 4 begins on the eastern slope of the hill which separates the aforementioned branch of High River from the main branch itself. In Section 36 the line begins to descend, and passes over hills and ravines covered with fallen pines, and through bluffs of spruce and poplar, until in Section 32, the High River is crossed twice. This stream, where crossed, had high, precipitous, rocky banks, bordered with spruce. The width of the stream was about 30 feet, depth 2 feet, and velocity of current from 3 to 4 miles an hour. Many cattle and horses were seen grazing in the valley.

The meridian exterior between Ranges 3 and 4, was run from the 5th Base to the 6th Connection Line. The character of the country was much the same as that of the bases. Northward from the 6th Base, in Townships 21 and 22, several groves of excellent spruce timber and much fallen pine and spruce, sound, and of good quality, were met with. This part, being easy of access, will supply building material and fuel for quite a number of settlers.

RECORD of Temperature and of Pressure of Atmosphere, for the Months of May to October, inclusive.

Date.	Temperature.			Barometer.			Date.	Temperature.			Barometer.		
	7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.		7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.
May 1	28	50	36	28.25	28.35	28.35	June 29	63	80	58	27.30	27.25	27.23
do 2	24	60	38	28.35	28.37	28.32	do 30	62	74	58	27.22	27.21	27.20
do 3	36	62	38	28.25	28.20	28.10	July 1	61	78	63	27.05	27.10	27.05
do 4	48	65	36	28.12	28.10	28.25	do 2	62	69	61	27.25	27.26	27.30
do 5	34	60	30	28.40	28.35	28.22	do 3	63	81	62	27.30	27.32	27.28
do 6	34	56	38	28.17	28.17	28.15	do 4	61	83	63	27.32	27.45	27.53
do 7	42	72	44	28.18	28.05	27.80	do 5	65	85	61	27.58	27.80	27.89
do 8	47	75	54	27.75	27.60	27.84	do 6	59	72	69	28.02	28.03	28.05
do 9	38	56	35	27.92	28.05	28.25	do 7	68	82	68	27.90	27.80	27.65
do 10	40	57	46	28.35	28.30	28.30	do 8	67	86	68	27.48	27.38	27.33
do 11	40	59	40	28.30	28.28	28.20	do 9	65	83	69	27.32	27.32	27.30
do 12	38	53	50	28.15	28.16	28.22	do 10	66	79	65	27.25	27.15	27.10
do 13	44	56	46	28.17	28.20	28.29	do 11	65	78	64	27.01	27.00	27.00
do 14	42	49	46	28.30	28.30	28.33	do 12	66	72	60	27.00	26.93	26.94
do 15	48	56	48	28.27	27.95	27.80	do 13	64	69	62	26.91	26.90	26.85
do 16	48	62	51	27.72	27.59	27.55	do 14	65	70	59	26.84	26.83	26.82
do 17	47	74	53	27.60	27.62	27.65	do 15	62	67	62	26.80	26.78	26.83
do 18	43	56	45	27.87	27.96	28.07	do 16	61	72	63	27.03	26.90	26.85
do 19	48	59	45	28.21	28.34	28.30	do 17	60	75	63	27.79	26.76	26.74
do 20	46	72	54	28.34	28.24	28.10	do 18	58	76	64	26.72	26.70	26.65
do 21	53	62	50	27.96	27.78	27.74	do 19	60	68	61	26.60	26.52	26.43
do 22	47	60	46	27.83	27.90	27.95	do 20	60	72	60	26.22	26.24	26.28
do 23	44	68	42	27.97	27.64	27.70	do 21	62	79	62	26.30	26.30	26.30
do 24	46	64	41	27.64	27.75	27.80	do 22	65	81	63	26.32	26.32	26.35
do 25	50	61	46	27.91	27.92	27.94	do 23	64	78	60	26.35	26.40	26.42
do 26	52	66	48	27.98	27.90	27.86	do 24	63	79	59	26.45	26.47	26.48
do 27	52	68	42	27.83	27.80	27.75	do 25	59	66	57	26.53	26.58	26.62
do 28	48	62	42	27.80	27.85	27.92	do 26	64	78	59	26.66	26.68	26.64
do 29	43	60	42	27.92	27.65	27.63	do 27	63	80	56	26.60	26.60	26.48
do 30	44	64	45	27.45	27.12	27.17	do 28	62	78	60	26.40	26.32	26.30
do 31	50	62	34	27.04	27.00	27.38	do 29	63	81	62	26.25	26.26	26.26
June 1	39	62	36	27.65	27.63	27.60	do 30	57	74	52	26.28	26.25	26.25
do 2	49	75	46	27.60	27.56	27.45	do 31	59	80	56	26.18	26.17	26.15
do 3	50	70	43	27.57	27.45	27.36	Aug. 1	60	77	55	26.12	26.05	26.02
do 4	55	65	49	27.25	27.30	27.20	do 2	62	80	58	26.00	25.95	26.83
do 5	51	54	50	27.20	27.25	27.47	do 3	60	78	54	26.63	26.28	25.94
do 6	49	70	48	27.55	27.50	27.50	do 4	59	76	56	25.68	25.60	25.55
do 7	52	60	49	27.54	27.53	27.55	do 5	60	80	56	25.45	25.50	25.52
do 8	48	55	48	27.40	27.40	27.38	do 6	58	79	57	25.80	25.70	25.65
do 9	51	61	44	27.43	27.38	27.32	do 7	55	76	55	25.60	25.95	26.00
do 10	52	53	44	27.25	27.28	27.32	do 8	50	71	48	26.05	25.95	25.95
do 11	46	62	46	27.50	27.48	27.48	do 9	53	78	52	25.94	25.94	25.88
do 12	48	60	43	27.48	27.44	27.36	do 10	52	80	53	25.85	25.85	25.82
do 13	54	70	50	27.25	27.20	27.25	do 11	53	81	52	25.80	25.70	25.65
do 14	50	67	48	27.22	27.20	27.32	do 12	50	82	56	25.55	25.54	25.54
do 15	52	68	49	27.35	27.37	27.36	do 13	48	81	53	25.60	25.52	25.65
do 16	49	67	45	27.39	27.40	27.43	do 14	44	79	50	25.62	25.55	25.43
do 17	50	68	44	27.50	27.50	27.52	do 15	45	80	46	25.28	25.18	25.35
do 18	48	70	46	27.54	27.50	27.30	do 16	43	78	46	25.20	25.18	25.15
do 19	46	68	48	27.20	27.15	27.15	do 17	41	75	43	25.15	25.10	25.08
do 20	52	69	51	27.20	27.20	27.22	do 18	39	75	42	25.05	25.02	25.05
do 21	58	68	52	27.25	27.26	27.28	do 19	40	76	44	25.07	25.04	25.00
do 22	60	72	54	27.32	27.35	27.36	do 20	38	74	42	24.90	24.87	24.90
do 23	56	74	58	27.49	27.37	27.35	do 21	35	70	36	25.05	25.10	25.15
do 24	62	78	58	27.05	27.08	27.10	do 22	32	74	38	25.15	25.18	25.20
do 25	63	80	60	27.12	27.16	27.20	do 23	40	72	42	25.10	24.90	25.00
do 26	59	82	62	27.21	27.22	27.25	do 24	44	74	46	25.08	25.05	25.06
do 27	64	80	59	27.25	27.30	27.32	do 25	48	72	51	25.03	24.85	24.85
do 28	65	78	62	27.35	27.36	27.37	do 26	47	77	49	24.90	25.00	25.00

RECORD of Temperature and of Pressure of Atmosphere, for the Months of May to October, inclusive.—Continued.

Date.	Temperature.			Barometer.			Date.	Temperature.			Barometer.		
	7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.		7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.
Aug. 27	45	76	50	25.05	25.03	25.05	Sept. 29	33	61	43	25.80	25.81	25.83
do 28	45	74	54	25.00	24.60	24.52	do 30	32	62	44	25.84	25.88	25.90
do 29	47	75	51	24.55	24.52	24.59	Oct. 1	36	63	45	25.85	25.82	25.82
do 30	44	61	49	25.45	24.40	24.42	do 2	32	60	40	25.78	25.65	25.69
do 31	42	72	47	24.45	24.32	24.15	do 3	30	63	41	25.72	25.75	25.78
Sept. 1	44	59	45	24.18	24.08	24.09	do 4	32	65	45	25.80	25.82	25.85
do 2	42	61	48	24.04	24.12	23.95	do 5	38	61	42	25.85	25.88	25.90
do 3	41	72	59	23.95	23.82	23.73	do 6	41	64	40	25.92	25.90	25.85
do 4	42	75	52	23.75	23.68	23.68	do 7	38	65	36	25.85	25.82	25.78
do 5	43	62	49	23.58	23.52	23.50	do 8	36	59	38	25.70	25.70	25.70
do 6	42	62	48	23.52	23.42	23.30	do 9	35	60	39	25.65	25.66	25.68
do 7	44	61	47	23.28	23.10	23.02	do 10	39	62	40	25.60	25.50	25.32
do 8	42	64	43	23.05	23.78	24.60	do 11	35	56	38	25.30	25.25	25.28
do 9	40	63	46	24.72	24.80	24.85	do 12	40	63	41	25.50	25.18	25.05
do 10	43	60	44	24.86	24.86	24.88	do 13	36	55	38	24.80	24.58	24.50
do 11	42	65	48	24.85	24.86	24.90	do 14	39	57	36	24.20	24.30	24.35
do 12	45	68	45	24.92	24.95	24.99	do 15	38	60	40	24.35	24.30	24.15
do 13	44	62	50	25.00	24.95	25.02	do 16	39	61	37	24.15	23.95	23.90
do 14	40	58	47	25.05	25.10	25.12	do 17	33	49	36	23.72	23.56	23.50
do 15	38	57	50	25.15	25.20	25.22	do 18	34	52	39	23.40	23.35	23.25
do 16	37	63	50	25.28	25.32	25.25	do 19	40	60	43	23.10	22.75	23.30
do 17	36	68	47	25.40	25.38	25.35	do 20	36	57	43	23.25	24.90	25.50
do 18	32	72	44	25.32	25.36	25.40	do 21	37	60	40	25.45	25.40	25.42
do 19	34	73	45	25.45	25.48	25.52	do 22	34	65	39	25.40	25.52	25.55
do 20	33	70	45	25.60	25.55	25.58	do 23	32	64	39	25.69	25.53	25.48
do 21	35	70	43	25.55	25.52	25.48	do 24	36	60	40	25.45	25.45	25.40
do 22	38	65	44	25.45	25.51	25.55	do 25	31	62	42	25.36	25.33	25.30
do 23	39	63	42	25.60	25.58	25.55	do 26	30	61	40	25.28	25.25	25.20
do 24	37	66	45	25.58	25.60	25.60	do 27	33	58	39	25.18	25.12	25.02
do 25	36	68	40	25.62	25.65	25.66	do 28	36	59	38	24.92	24.95	25.10
do 26	40	70	44	25.70	25.70	25.70	do 29	30	56	33	25.25	25.56	25.65
do 27	34	64	42	25.72	25.73	25.70	do 30	29	60	33	25.80	25.75	25.75
do 28	35	63	46	25.68	25.72	25.75	do 31	31	61	35	25.78	25.80	25.85

Observed by E. Dupuis, C.E., Assistant.

## RECORD of Rainfall for the Months of May to October, inclusive.

Date.	Began	Ended.	Remarks.
May 5	9.30 p.m.	10 p.m.	Followed by snow storm during the night, with .60 inches of snow in the morning of 6th.
do 13			Light showers all through the day.
do 14			do do
do 16	1.30 p.m.	2 p.m.	Heavy thunder storm, with light showers during the remainder of the afternoon.
do 17			Light showers all through the day.
do 21	11.30 a.m.	2 p.m.	Light shower.
do 21	10.30 p.m.		Nearly all night, wind squall with slight rain.
do 26	12.30 a.m.	1 p.m.	Light shower.
do 27			Light showers during the afternoon.
do 30	1.30 p.m.	2.30 p.m.	Light shower.
do 31			Heavy showers through the afternoon, followed by snow and hail in the night with wind squall.
June 3			Light showers in the afternoon.
do 5			Heavy storms in the morning and in the afternoon with hail.
do 7			Heavy showers through the afternoon.
do 8			Light showers in the afternoon.
do 10			Heavy showers all day.
do 13	3 p.m.	4 p.m.	Heavy shower with hail.
do 15			Heavy shower during the night.
do 16			Heavy storms through the day and night with thunder.
do 17			Heavy storms in the afternoon.
do 21	11.30 p.m.	5 p.m.	Heavy storm.
do 25	2 p.m.	2.30 p.m.	Heavy storm with hail.
July 2	1.30 p.m.	3.30 p.m.	do do
do 5	8.30 p.m.	10 p.m.	Heavy storm.
do 11	1.30 p.m.	3 p.m.	Heavy storm with blizzard.
do 12			Stormy in the afternoon.
do 13	10.30 a.m.	11.30 a.m.	do do
do 14			do do
do 19			
do 25			Stormy in the morning.
Aug. 4	12.30 a.m.	1.30 p.m.	Light shower.
do 8	12.30 a.m.	3 p.m.	Heavy showers.
do 17	5 p.m.		} Light showers.
do 18		10 a.m.	
do 20			Light showers in the afternoon.
do 21	8 a.m.	9.30 a.m.	Heavy snow storm.
do 30	5 p.m.	6 p.m.	Light storm.
Oct. 4	1 p.m.		} Light storm.
do 5		7 a.m.	
do 8	All day.		Light snow storm.
do 9	do		do
do 11	12.30 a.m.	4 p.m.	do
do 13	All day.		do
do 14	7 a.m.	3 p.m.	do
do 17	5 a.m.		} Heavy snow storm with blizzard.
do 18		10 a.m.	
do 21	6 a.m.	10 a.m.	Light snow storm.

Observed by,  
R. E. DUPUIS, C.E., Assistant.

EXTRACT FROM THE REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, BETWEEN THE 3RD AND 4TH INITIAL MERIDIANS, BY JAMES F. GARDEN, D. L. S.

Township 35, Range 20.—Is an open prairie, with an undulating or rolling surface, except in the south-west corner, where a range of hills is found. Tramping Lake enters it, near the south-east corner, where the banks are about 15 feet high, running in a westerly and northerly direction, the banks becoming higher to the north. A little wood, principally poplar, was seen in various places along the shores. The water in the lake is saline. The soil is chiefly a light or sandy loam, with some stone and gravel on the ridges. Rates second class.

Township 36, Range 20.—An undulating surface, divided into east and west parts by Tramping Lake. The soil varies from sandy loam, to loam. Rates second class. A little wood was found on the banks of the lake.

Township 37, Range 20.—A rolling or undulating dry surface, and is divided in a similar manner to the last township, by Tramping Lake. The soil varies from loam to clay loam, with clay sub-soil, and is classed from 1st to 2nd. A small quantity of poplar was discovered on the east bank of the lake.

Township 38, Range 20.—Is rolling or undulating divided by Tramping Lake into east and west parts, the soil being clay loam, on the east side, and loam with clay sub-soil, on the west side of the lake. A sufficient supply of good water, in sloughs, was found, but the land is generally dry.

Township 35, Range 21.—The surface of this township is undulating, or rolling, in the north-east and south-west portions, the remainder being broken by a high range of hills, running from the south-east to the north-west, and containing many ponds and sloughs, with some stones on the hills. A large *coulée*, from 75 to 100 feet deep, crosses in Section 13. The soil is a sandy loam, to the north of the ridge, and clay loam in the hills, and to the south of them. Classification, from first to second.

Township 36, Range 21.—Is all an undulating, open prairie, except in the south-west corner, where high land is entered. The soil varies from a clay loam, or loam, in the west, to a light loam, in the easterly part. Good, permanent water was found. Adaptability of the land to farming purposes, is classed from first to second.

Township 37, Range 21.—Is a gently rolling, dry open prairie. The soil, in the westerly part, is a clay loam or stiff clay. In the east it is principally a sandy loam, with some stones and gravel. A small quantity of permanent water exists. Classed, from first to third.

Township 38, Range 21.—Is also an open, undulating, dry prairie. In Section 18, small depression or bottom land, leading into a lake lying to the west, is crossed. A large quantity of field stones and boulders was noticed in this vicinity. It is classed from 1 to 3, the soil varying from clay loam in the west, to loam, with sandy sub-soil, in the easterly parts. In some localities permanent water was seen.

Township 35, Range 22.—This township is considerably broken by *coulées* and hills, ponds and sloughs. A great many stones were found, bordering on or in the *coulées*. The extreme southern part of the township is not so much broken. The soil changes, from a loam with clay sub-soil, to sandy loam, and is second-class throughout.

Township 36, Range 22.—Has an even, undulating surface, in the easterly part. The westerly portion is much higher and rolling, with long easy slopes, the hollows containing a good deal of water. The soil is principally a clay loam, and can all be fairly considered first-class.

Township 37, Range 22.—The easterly part is even, or gently undulating, dry, open prairie, with clay loam, or in some places hummocky clay soil, and is class 1. The westerly part is high and broken, in some places, by hills and ponds, the soil being clay loam, with scattered stones. Class 2. This hilly land is the eastern limit of the range, marked on the map as the Ear Hills. A small lake is situated in the north-west corner of the township.

Township 38, Range 22.—The easterly side of this township, like the preceding one, is undulating, or rolling surface, with clay loam or stiff clay soil. Class, 1 and

2. The westerly part is broken by the Ear Hills, which contain many ponds or lakelets, in the hollows. The soil in some places appears to contain alkali. Stony and gravelly ridges are also met with. In the north end of the township, is a small lake, 6 miles east and west, by about 3 miles north and south. The water in it is muddy, with a bad taste. The water in the sloughs and ponds, however, is exceptionally good. On the south side of the lake, is an even plain of about two sections in area.

Township 35, Range 23.—Has a high rolling or broken surface, in the north-east half; the remainder is undulating or rolling. In the south-westerly corner, a small alkaline lake enters. Large ponds and sloughs, containing good water, are generally distributed. Good grasses are found around all of them. The hilly land in this township is well adapted for grazing purposes. The soil is loam, with clay sub-soil, or sandy loam. Rates from first to third class.

Township 36, Range 23.—Has an undulating or high rolling surface, with a large quantity of water in ponds and sloughs. Two *coulées*, or ravines, containing ponds and sloughs, cross it in the south-west portion. The soil is principally a clay loam, and is graded from first to second-class.

Township 37, Range 23—Is divided by a *coulée*, 80 to 100 feet deep, extending from the south end in a north-westerly direction, containing lakes, ponds and sloughs. The land in the south-west of it is undulating, or rolling, with a heavy clay loam and hummocky in places. Classed from first to second. The north-west part is broken by hills, ponds and sloughs and some stones, with appearance of alkali in places. The grazing is good around the ponds, but this part is generally ranked as third-class.

Township 38, Range 23—Is generally high and broken by ridges, sloughs, ponds and scattered stones. The soil in many places is hard, baked clay. Good grasses abound in the hollows. The township is graded class three.

Township 35, Range 24—Is an undulating, open prairie, with a loam soil and clay sub-soil. Classed from first to second. Some scattered sloughs and stones were observed. A small alkaline lake lies in the south-east corner.

Township 36, Range 24.—Is principally undulating or rolling prairie, except in the south-easterly part, where the land is somewhat broken by *coulées*, with sloughs and scattered stones. The soil is a hard clay loam or loam. The township is graded from first to second-class. A good deal of water was observed in the north-west part.

Township 37, Range 24.—The south half of it is rolling prairie, with dry, hummocky, hard clay soil. Class, first to second. The northern portion is broken by large *coulées*, with lakes and ponds, and in the north-east part by hills, with scattered stones and sloughs. Classed from second to third.

Township 38, Range 24.—Principally a high and broken prairie, with sloughs and good pasturage in the hollows. An even piece of land is crossed about midway of the western boundary. The soil varies from a sandy loam in the western, to loam and clay with many scattered stones in the eastern parts, and is classed from second to third.

Township 35, Range 25.—Is broken by hills and a deep *coulée*. The latter is from 80 to 100 feet deep; crosses in a south-easterly direction in Sections 18 and 19 and contains ponds, sloughs and scattered stones, with some alkali in the water. The eastern and northern parts of the township are much more even, being undulating or rolling. The soil changes from a hard clay loam, in the lower portions, to loam and gravel in the broken part. Numerous sloughs are found in the south-west part of the township. The classification is from second to third.

Township 36, Range 25.—Has an undulating or rolling surface, with a large quantity of flooded land in the northern part. The soil is chiefly a hard clay loam, and is first to second-class.

Township 37, Range 25.—Has a rolling or undulating surface, except through its centre from east to west, which is traversed by a *coulée* measuring from 80 to



100 feet deep, containing sloughs and ponds. The soil is a dry clay loam or hummocky clay, and is classed from first to second.

Township 38, Range 25.—Has a high and somewhat broken surface, except in the south-west part, where it is undulating or rolling. A number of sloughs are found in the north and west, with some scattered stones. Stones are also found in small quantities over the western parts. The soil varies from loam, along the westerly boundary, to sandy loam in the east. Classification varies from second to third.

Township 35, Range 26.—Has a high surface, much broken by hills, ponds and sloughs. The soil is principally loam, with clay sub-soil, and gravel on the ridges. Classification from first to third.

Township 36, Range 26.—Has a rolling or undulating surface, except in the southerly part, where the northern limit of the high land crosses it. A small lake crosses the west boundary in Section 19. A good deal of wet land borders the northern boundary. Some few stones were observed. The soil is loam or clay loam. Class, first to second.

Township 37, Range 26.—Is, in the southern part, rolling prairie land. The surface is much broken, and higher to the north, with high hills, ponds, ridges and sloughs. A *coulée* crosses the north-west corner of it. Good grazing is found in the bottom land of all this hilly country. The water in the small ponds, and the grasses, are both plentiful and good. Stones are numerous. The soil is clay loam to loam and gravel. Classed from first to third.

Township 38, Range 26.—Is rolling prairie in the south-east part. The remainder of the surface is hilly and broken, with large quantities of water in the hollows, and some gravel and stones on the ridges. A *coulée*, about 100 feet deep, with a long, narrow lake, crosses in Section 7. The soil varies from sandy loam to loam, with clay sub-soil. Classification, from second to third.

Township 35, Range 27.—Has its surface much broken by hills and ridges, with a great number of ponds and sloughs in the hollows, the water in all of them being good. Quantities of field stones are also widely scattered. The soil is principally a loam, with clay. Good grass abounds in the hollows. Classification, from second to third.

Township 36, Range 27.—Undulating or rolling prairie on the east and north sides. On the south and west, the land becomes high and broken. Section 19 is crossed by a *coulée* from 60 to 80 feet deep, running east and west, and containing large ponds and sloughs, with appearance of alkali, and great numbers of the cactus plant. The easterly end of a lake, 3 or 4 miles long by one-half to three-quarters of a mile broad, with shallow water, enters the township in the north-west corner. In the valley of this lake the cactus abounds, and in another lake in Section 24. The soil varies from clay and clay loam in the east, to a sandy loam and stiff alkali and clay in the west, and is classed from first to second.

Township 37, Range 27.—In the easterly part is high, rough and broken, with plenty of water in the hollows, and some stone and gravel on the ridges. The soil is loam. Class, second to third. In the west, the surface is undulating, or rolling and dry, the soil being here chiefly a light loam, with clay sub-soil. Class, first.

Township 28, Range 27.—Has, throughout, a high, rolling and in some parts, broken surface, with plenty of water in large ponds and sloughs, the grass being very luxuriant about them. A *coulée*, about 100 feet deep, runs from the south-east corner in a north-westerly direction, containing long, narrow lakes and ponds. Scattered stones were observed. The soil is clay or sandy loam, and is classed from second to third.

Township 35, Range 28.—Is a rough-broken township, with hills varying in height from 30 to 80 feet. In the south-west, a moderately even piece of low land was crossed, containing some alkaline sloughs and ponds. A conspicuous hill, at the southwest corner, has an altitude of 150 feet. A great deal of water in sloughs and ponds, with good grasses around them, are found in the hollows. Stones are plentifully scattered on the hills and ridges. The soil is clay, or sandy loam and gravel. The township is classed from second to third.

Township 36, Range 28.—A ridge, about 150 feet high, crosses the north-west corner of this township. South of this, for 2 miles, an even or rolling piece of dry prairie is crossed. The remainder of the surface is hilly, or high and rolling, with large ponds and sloughs. Cactus Lake extends into the north-east corner. The soil is sandy or clay loam, and is graded from classes second to third.

Township 37, Range 28.—Is an undulating, or easily rolling prairie in the easterly part, with loam and clay. Soil, class first. In the west, the land is somewhat higher and rolling, some of the ridges being 40 feet high. The soil is of a sandy nature, and classes second to third. A few large ponds and sloughs were seen.

Township 38, Range 28.—Is rolling in the south and western parts. Towards the north and east the land becomes more broken, with numerous sloughs, ponds, and scattered stones. Eye Hill Creek, a stream about 75 links broad, 3 feet deep, with a rapid current of from  $1\frac{1}{2}$  to 2 miles per hour, enters in the south-west corner, running in a north-westerly direction and emptying into Manitou Lake. The banks at this point are about 15 feet high, and stony. The soil is sandy loam in the west, and parts of the east sides, the rest of it being loam, with clay. This completes all the townships surveyed from the 10th Base. No wood was found in any of the townships except the small amount mentioned around Tramping Lake.

Township 40, Range 20.—Is an even, or slightly undulating, dry, open prairie, with some scattered stones and low gravelly ridges. The soil varies from a heavy clay, in the east, to light or sandy loam in the west parts. Class second.

Township 39, Range 20.—Is similar generally to the last township. Some large sloughs and scattered stones were noticed in the south-west corner. Tramping Lake Valley enters with a westerly course. The land classes first to second.

Township 40, Range 21.—Is also undulating, dry, open prairie; but few sloughs or stones were seen. The soil changes from a loam and clay in the north, to light sandy soil in the south, and is classed from first to second.

Township 39, Range 21.—Is even, or undulating, with some scattered stones and sloughs. The soil is principally sandy in the west, and dry clay loam in the east and south. Class first to third.

Township 40, Range 22.—Is an undulating or rolling, dry, open prairie. Soil, loam or sandy loam. A small lake extends into it at the north-west corner, and contains weeds, and poor water. Good water, however, was found in sloughs. Land classes first to second.

Township 39, Range 22.—Is rolling and undulating, except near the north-west corner, where the surface is broken. A *coulée*, 120 feet deep, runs north and contains large quantities of stones and alkali on the sides and bottom. The western boundary continues broken and hilly, to the south of the township. The south end is also broken by the lake referred to in Township 38, Range 22. The soil is clay or sandy loam, and is graded generally from second to third-class.

Township 40, Range 23.—Has an undulating or rolling surface, except in the north-west corner, where a large valley, containing lakes and sand ridges, with cherry bushes, enters it, and it is also broken by a *coulée*, 100 feet deep, containing stones and alkali, which enters it at the south-east corner, and runs in a north-westerly direction. The soil is chiefly a sandy loam, and is classed from second to third.

Township 39, Range 23.—Is also undulating or rolling, on its western side, but is rough and broken towards the east by a *coulée* and valley, containing lakes and ponds. A lake, about half a mile wide by 2 or 3 long, with some poplar bush on the east bank, was noticed about midway between the east and west boundary, running north and south. Large numbers of sloughs and ponds exist in the south-west part. The soil is loam or clay loam, with some gravel ridges and scattered stones. Class second to third.

Township 40, Range 24.—The northern half is much broken by hills, and by a *coulée*, from 80 to 100 feet deep, containing large ponds and sloughs, and with a small quantity of poplar bush. The soil is loam or sandy loam. The township is classed from second to fourth.

Township 39, Range 24.—Has generally a rolling, or undulating surface, with a good deal of permanent water in large ponds or small lakes. One of the latter lies in the south-west corner, and is surrounded by alkali flats. The soil is loam, either black or sandy. Classification, about second-class.

Township 40, Range 25.—Very much broken in the northern and westerly portions, by hills from 50 to 100 feet high. In the hollows between them, there are a great number of ponds and sloughs. The soil is principally loam and gravel, with scattered stones on hills. This part is classed from third to fourth. The remainder is rolling or undulating, the soil being black loam to sandy, and is classed second.

Township 39, Range 25.—Has a high, rolling surface, with several small lakes and many ponds and sloughs, in the south and west. Appearance of alkali was noticed, together with scattered stones, around the lakes. The soil varies from a light to a clay loam. The township is classed from second to third.

Township 40, Range 26.—Hilly and broken land in the easterly, and high and rolling in the westerly parts. A great many ponds, sloughs and stones are scattered over the surface, and in one or two places small lakes were seen. The grass is thick and good, making it well adapted for stock-raising. Classification from second to third.

Township 39, Range 26.—Is also high and rolling land, with a good deal of water in the small lakes, ponds or sloughs, about which good grass is luxuriant. A good many stones were noticed. The soil changes from clay to light clay loam, and is graded from class second to third.

Township 40, Range 27.—Has a high, rolling surface, with some small lakes and ponds in the east, north-west and northerly parts, with sandy loam or clay loam soil. Class second to third. The south-west portion is poor, fourth-class land, being composed of low sand ridges, with a scanty growth of chokecherry bushes, and thick ground cedars.

Township 39, Range 27.—Is broken in the westerly and northerly parts, by "Eye Hill Creek," a stream of good water, running north-west to Lake Manitou. This creek is about 75 links wide and 3 feet deep, with a current  $1\frac{1}{2}$  half miles per hour, bordered by sloughs, and running in a valley, at this part of the course, about 80 feet deep. The east and south-east portion of the township is high and rolling, with ponds, sloughs and scattered stones. Loam soil. Class second to third.

Township 40, Range 28.—This township is high and rolling, with easy slopes in the north and north-east, and with frequent large ponds and sloughs. The low sand ridge, with chokecherry bushes, mentioned in Township 40, Range 17, extends into the south and east part of the township, rendering this portion of it dry, poor land.

Township 39, Range 28.—Is broken along its east and south-westerly sides, by the valley of the Eye Hill Creek. A small lake, with some poplar brush around it, was seen about the centre, along the southern boundary. As far as observed, the soil appeared to be clay loam and alkaline clay, with gravel on the ridges, and is classed from two to three.

Township 41, Range 36.—Is even or rolling, and open in the southern parts, with light loam soil. Class two. About 2 miles north, a rough country is entered, broken by *coulées*, sand ridges, sloughs and ponds, and thickly wooded with poplar clumps. Some of the trees are 12 inches in diameter. The valley of Eye Hill Creek runs across the north-west corner. The banks here are thickly covered with willow bushes. The soil is very light and sandy, and is classed between third and fourth.

Township 42, Range 26.—Is broken by high sand ridges, and covered in most parts by poplars, many of them being of large size. An arm of Manitou Lake extends into the north-east corner, the water of which is very saline. This township is class four.

Township 41, Range 27.—Has a high and rolling surface, with ponds and hard clay soil in the south-west. It is thickly covered with poplar in the north and west.

Eye Hill Creek passes through the eastern part. The northern portion is broken by sand ridges and knolls, and is classed four.

Township 42, Range 27.—Is broken sand ridges, many of them high and steep, running in an easterly and westerly direction. The south sides of these ridges are generally blown sand, without vegetation of any kind. The north side is usually thickly covered with poplar, ground cedar and scrub brush. The township is useless for agricultural purposes, but the wood is of value.

Township 41, Range 28.—Is high, rolling and open along the southern part, with some large ponds in hollows. The northern part is partially wooded with poplar, and broken with sand ridges and hollows as far as observed.

Township 42, Range 28.—Is rough and broken with sand ridges and a large quantity of scattered poplar clumps. Class four.

Township 44, Range 26.—Has, in the north half, an even surface, thickly dotted with poplar clumps. The soil being a light loam, and classed two. The south half of the township is covered by Lake Manitou. This lake is very picturesque, and in its main part has an average breadth, from east to west, of from 6 to 7 miles, extending north and south about 9 miles. Including the long narrow inlets, it stretches from the south-east to the north-west, about 18 miles. The banks vary in height from 80 to 130 feet, and are in many places thickly wooded. Several high islands were observed in the lake. The water is saline, but good water is found in the adjoining sloughs.

Township 43, Range 26.—Is almost entirely covered by Lake Manitou. The land adjoining its east bank was observed to be of excellent quality, being a deep, clay loam.

Township 44, Range 27.—Is hilly, and broken in the north and west parts, with a large quantity of poplars up to 10 or 12 inches in diameter. The south-eastern portion, adjoining Manitou Lake, is sandy and is also covered with poplar. The remainder of the township is comparatively open. The soil varies from a clay loam to sand, and is classed from two to four.

Township 43, Range 27.—Is nearly open and is even or undulating, in the north and west, with loam or clay loam. The soil is classed two. The south and east parts are broken by sand hills and ridges, adjoining the lake. A large quantity of wood, principally poplars, is found in the south half of it. An arm of Manitou Lake enters the township on the south-east side, which is surrounded by wooded sand hills.

Township 44, Range 28.—As far as observed is hilly, and broken in the north, with ponds and sloughs in the hollows; and with a good deal of poplar brush. The soil is loam or clay loam. Class, two to three.

Township 43, Range 28.—Has but little poplar bush. In the northern part the surface is even or undulating. Soil, hard clay loam. Class two. In the south, the land becomes broken by sand ridges, with poplar bush. A small saline lake is situated in the south-east corner, on the east side of which is a marsh or muskeg, slightly higher than the lake and containing good drinking water.

Township 41, Range 1.—West of the 4th Initial Meridian, is high open and rolling, the surface being broken by *coulées* and valleys, containing large ponds or lakes. One of the latter lies in the south-east and another in the north-west corner. Into the latter, a creek from the south-west enters. The soil in the southern part is clay loam or loam and classed one to two. In the north portion, the soil becomes sandy and classed two to three. Some poplar clumps are found in the north part.

Township 42, Range 1.—Is much broken in the south by ridges, sloughs and ponds, with a good deal of scattered poplar clumps. The soil varies from loam to sand. Class, two to four. Northward, the land is more even, the soil varying from clay to sandy loam. Thick grass, with some sand ridges, is also noticed. A quantity of poplar bush was also seen. The soil, classes two to three.

REPORT ON THE SURVEY OF THE 3RD BASE LINE, WEST OF THE 4TH INITIAL MERIDIAN, AND OF THE 2ND BASE LINE, FROM RANGE 25, EASTWARD, ACROSS THE 4TH INITIAL MERIDIAN, TO THE 3RD INITIAL MERIDIAN, BY OTTO J. KLOTZ, DOMINION TOPOGRAPHICAL SURVEYOR.

The intersection of the 3rd Base Line with the 4th Initial Meridian, is about 2½ miles north of the northern crest of Cypress Hills. This crest is sharply defined, and its adjoining hill-sides are very steep and wooded. Through fires, the wood which is spruce, is mostly dead, but it may furnish good fuel and building logs. The crest of these hills extends westward for about 17 miles, terminating in what is termed the "head of the mountain," and runs nearly parallel with the base line.

Ranges 1 and 2.—Along the base line are rolling to hilly prairie, well watered by creeks and marshes. The soil is good, but boulders numerous in places. Although snow was still lying on the northern slope of Cypress Hills, (May 27) yet the pasture below was very good.

In Range 3.—The soil is better, being a good, dark, sandy loam, and there are more ponds. Incidentally, it may be remarked, that trains on the Canadian Pacific Railway, at least 16 miles distant, were distinctly heard.

Range 4.—Is rather hilly, with numerous fresh-water ponds. In the valleys, the soil and vegetation is good. The knolls are stony. The ponds abound with duck and geese, the latter being very wary.

Range 5.—We get out of the foothills of Cypress Hills, into country of good soil, but cut up by deep ravines, making moving with the carts difficult and slow. The most of these ravines have creeks flowing in the bottoms, the greater part of which will probably be dry in the fall. The cut banks of these ravines are a sandy clay, with erratic blocks of granite and sandstone imbedded. In one of them a detached lump of lignite was found, although no seam or vein was seen.

Range 6.—Continues as broken as the former, but has good, sandy, loam soil, with good pasture. While in this range (May 31) a terrific snowstorm, of several hours' duration, was experienced in the afternoon. During the following night (June 1st), the thermometer fell to 25° F., so that our wet clothes were all frozen stiff hanging in the tent.

Range 7.—Rolling prairie, well watered, and soil of good quality. Towards the western part of this range we see, for the first time, on the 3rd Base Line, the Sweet Grass Hills, or Three Buttes, in Montana, on the salient points of which, azimuth readings were taken. The westerly butte has the appearance, on its east end, of a buffalo bull's head. The middle one looks like a perfect cone set upon the horizon.

Range 8.—Level to undulating prairie, with good sandy loam soil, but water becoming scarcer than in the preceding ranges. In fact, by fall it will probably be perfectly dry. This range is intersected by the Seven Persons' or Big Sandy *coulée*. This is a fine valley of nearly a mile in width, through which flows a stream in the spring time. At present this stream is merely a succession of pools. A few ash-leaved maples are on its banks. Reaching the high ground on the westerly part of this range, we may say we are on the plains, for it appears as if we were standing on a big plate with the horizon for a rim, the only break in the monotony being the blue Sweet Grass Hills in Montana, 50 miles away, and already alluded to.

Range 9.—Undulating prairie, intersected by one *coulée*. The soil in this range is lighter, containing more sand than the preceding one, and rather dry. The few marshes dry up rapidly.

Range 10.—Similar to the preceding one, but contains more marshes, with good pasture.

Range 11.—Level prairie, intersected on its western part by the Forty Mile *coulée*. This *coulée* is a valley of about a mile in width, in which are a succession of marshes and lakes, all connected during high water. Into this *coulée*, smaller and shorter ones run from each side. The bottom of the valley is alkaline, and in consequence, difficult to cross with heavy loads.

Range 12.—Has fine, level prairie, crossed with rich grass and flowers and shallow marshes; the soil, is a friable sandy loam, without stones.

Range 13.—The base line here passes over level prairie, with a fair soil of sandy loam.

Ranges 14 and 15.—Undulating prairie, with good soil, and drier than the preceding ranges. In the shallow marshes are found numerous boulders. One erratic block of limestone was about 10 feet square and 7 feet above ground. It was lying in the centre of a depression (as these large erratic blocks always are) in which there was water. One of its corners was perfectly smooth and polished. A few hairs hanging on to it showed that it was the buffaloes' "scratch-my-back." At the western extremity of Range 14, Chief Mountain, of the Rocky Mountains, was first seen, distant about 100 miles. It appeared like a huge trunk rising above the horizon.

Range 16.—Very much water-worn, and in consequence, inferior to the preceding ones.

Ranges 17, 18, 19 and 20.—Are good, undulating prairie, covered with good grass and flowering vetches. In Range 18, Chin *coulée* is crossed. Its valley is about half a mile wide, the banks thereof about 50 feet high. In it are a succession of pools and lakes of alkaline water. The so-called Chin is a short distance south of the base line, being a prominence on the eastern bank, and not at the head of the *coulée*, as formerly supposed. Otherwise, these four ranges are rather deficient in water.

Proceeding now southward to the 2nd Base Line, and working eastward from Range 25, the first object worthy of note is the grand view presented by the Rocky Mountains to the south and west. Here, Chief Mountain, with its broad shoulders, towers towards the skies, a monument of nature's work; then Mount Wilson, with snow-clad peak glistening in the morning sun with argentine lustre. In the broiling sun the sight of snow was refreshing. Numerous azimuth readings were taken on the prominent peaks.

The western half of Range 24, along the 2nd Base Line, lies in the Blood Reserve. It is undulating prairie, of first-class sandy loam soil. In the eastern half, the St. Mary's River is crossed. This stream is now (June 22) very high, about 5 chains wide, and has a tremendous current. Its eastern bank, where crossed, is 125 feet high, almost perpendicular, and composed of horizontal layers of coarse sandstone and clay.

Range 23.—Is undulating prairie of sandy loam, covered with bunch grass, and intersected by a *coulée*, with a running stream.

Range 22.—Is similar to the preceding one, with good grass and intersected by Pot Hole Creek, which flows—as do all prairie streams—in a wide valley between high banks; the stream itself will soon be only a succession of deep pools. The origin of its name is from the "Pot Hole" which is below its mouth, where it empties into the St. Mary's River.

The 2nd Base Line across Range 21, passes over rolling prairie of excellent pasture. Numerous *coulées* run northward from the Milk River Ridge and intersect the base line. In one of them, a 4 feet seam of good coal was found.

Passing over Range 20, we have rolling prairie with some *coulées* leading northerly. The soil is good and so is the grazing. The 2nd Base Line over the last four ranges, appears to be about midway between the crest of Milk River Ridge and the open prairie to the north.

Through Range 19, the soil is very much "washed out," somewhat stony; vegetation rather poor and signs of alkali. In the eastern part of this range, the Fort McLeod-Benton trail is crossed.

With Range 18, the soil and vegetation again improve. The prairie is undulating and we recede from the blue outline of Milk River Ridge. The west butte of the Sweet Grass Hills, in Montana, is again seen to the south-east. Up to the present, no dearth of water has been experienced, pools in the *coulée* having furnished the

necessary supply. Hay meadows—as known in Manitoba—are not met with in this western country, although the grass and flowers in many places are luxuriant.

Range 17.—Is rolling prairie and contains a number of ponds, some of which are alkaline. The soil is dry and hard and what may be termed “dirty,” i. e. peculiarly pulverulent. The hill tops are stony and vegetation poor.

It is similar with Range 16, although this is undulating prairie and destitute of water. The large flies—bulldogs—are very troublesome now (4th July), so that the horses become restless, and sometimes attempt to roll themselves, to the detriment of the shafts of the carts.

Range 15 is undulating prairie with dry, baked, clay soil, somewhat stony with vegetation thin. One marsh, with a foot of water, was crossed.

The base line across Range 14 passes over dry, undulating prairie, somewhat stony and the grass rather short.

In Range 13, the same characteristics hold forth as in the preceding two ranges. In this range we are again in full view of the Three Buttes or Sweet Grass Hills in Montana, but although near, their appearance is not so striking as when seen from the 3rd Base Line.

Continuing across Range 12, the same characteristics of soil are met, as in the immediately preceding ranges.

The 2nd Base Line across Ranges 11, 10 and 9, passes over dry, undulating prairie, somewhat stony and thinly covered with grass.

In Range 8, the soil is inferior to the preceding ranges, a great deal being “washed out.” In this range, Lake Pakoghke, or Bad Water Lake, the former being the Blackfoot name, is met. This is a large expanse of water with numerous islands, large and small. The extreme length of the lake is about fifteen miles and width six miles. The water is milky in appearance, sweetish of taste, but by no means unfit for use. It is very shallow, no place having been found more than about six feet in depth across the whole lake. The bottom of the lake is a tenacious clay, so much so that it is only with the greatest difficulty that one can extricate himself from its firm grasp. There are a few willow bushes on the islands and shore, and the beach is covered with willow seed capsules, dry weeds, and myriads of dead lizards. These washings on the beach, were used one night, in the absence of wood, for a bonfire to attract the attention of four of the party who were storm-bound on the lake, but without avail. These men attempted to produce the base line from an island, to which a triangulation had been made, again to the mainland, but although absent over two days (during which time they were without anything to eat) failed in their effort, and returned again to camp, when the object desired was attained. The western beach of this lake is stony; the eastern one soft and clayey. On the eastern side a number of deep cut banks (10 to 15 feet) creeks (now only pools) empty into the lake.

The township corner post, between Ranges 8 and 7, is planted on one of the islands. The islands in the lake are visited by buffalo, as they are strewn with bones, and fresh droppings. A small rise in the water will cover a large tract on the east side of the lake. Several miles to the north is fine rolling prairie. Nearer the lake is a ridge of sand hills. The remainder of Range 7 is a level, clay flat, covered with sage bush and grease wood.

With Range 6, the land rises towards the east, is dry, stony and washed out. In this range a large *coulée*, with sandy stream bed, is crossed. There is large wood (poplar) and brush in the valley. This is Big Timber *Coulée*. The water is only in pools now.

With Range 5 the land gets poorer. Cactus abundant, as also dry creeks with cut banks and *coulées*. We are now in what is called the “Bad Lands” of the North-West Territory.

Range 4 caps the climax in the shape of broken country, for in it lies the Valley of Desolation, with its weird, bare, clay cliffs, water-worn into grotesque shape; the knarry, twisted sagebush roots partly exposed, lying on the clay banks; here and

there a cactus; a few plants in the alkaline bottom; the sluggish rattlesnake making its presence heard by the hissing sound of its rattle; a jack-rabbit darting off at our approach; the bleaching bones of buffalos, the glistening selenite on the clay banks, the horned toad, with two rows of horns down its back; all go to make a *tout ensemble* deserving of the above appellation. Often it appeared as if impossible for our camp to move through these places. While in this desolate region, devoid of adequate feed for the horses, the little grass there being burnt up by the sand, a heavy gale set in, followed by a thunderstorm and some snow, July 20th.

Producing the base line across Range 3, the scene brightens. Ravines change to grassy *coulées*, the country becomes rolling and the grass better. Still the soil remains somewhat hard and clayey, and there are a few stones. Looking from the eastern part of this range towards the Sweet Grass Hills, in Montana, across the Milk River, the country appears level, with numerous dark lines visible, which are *coulées*.

Ranges 2 and 1.—Are dry, stony, rolling prairie. In the eastern part of the former, Medicine Lodge Coulee, with Willow Creek, is crossed. The *coulée* is nearly two miles wide. The creek has high cut banks, but the water, at present, is only in pools. Continuing eastward from the 4th Initial Meridian, along the 2nd Base Line, over Range 30, the country is hilly, stony, and dry.

Range 29.—Is dry, stony, rolling prairie. The soil a powdery clay loam. In the western part of this range, the north or east fork of Willow Creek, is crossed. It is a good flowing stream, of good water. On the adjoining hill sides there are numerous springs. A mile east of the creek is the Fort Walsh and Benton trail. On the west bank, the sad duty of burying our cook had to be performed.

Ranges 28 and 27.—Are similar to the preceding one. In the latter range is crossed Battle Creek, a flowing stream of good water, having a gravelly and sandy bottom. It is the best stream between the St. Mary's River and Wood Mountain. Continuing across Ranges 26 and 25, the soil remains dry, but not so stony. The grass is scant and at present burnt by the sun. The cracks in the soil, especially in dry marshes, are astonishing, and care must be taken, not to break wheels in them. It appears as if large districts, in the North-West, were never thoroughly saturated with moisture. This may be ascribed to two reasons. First, the impervious nature of some soils; second, the fact that in the Spring, when the ground is still frozen, the snow is rapidly melted and carried away, forming rivulets and cut bank creeks, even on the level prairie scouring out deep holes, all of which are in a short time as dry as a bone, thus giving the ground, when porous, no opportunity to absorb moisture. Where this is the case, the soil and sub-soil are clay, the latter becoming very hard, so that the first cannot penetrate to such a depth as where the alluvium is of a greater thickness. When the soil is deeply penetrated by frost, it gives forth much moisture during the melting process in the early summer months, and the moisture so created is nourishing to the roots of plants and shrubs. During the summer months, little rain falls. This disadvantage can only be overcome by planting trees, to shade the ground from the scorching rays of the sun.

Range 24.—Is rather hilly, with stones on the summits. The valleys, which in the Spring abounded with wet marshes, are now (August 1st) dry. Man and beast suffer here from the absence of water.

Range 23.—Is similar to the preceding one.

With Range 22, the prairie becomes rolling, not so stony but dry, the soil undergoing little or no change, being a powdery sandy loam, with clay sub soil. From this range the land falls to the east and west. It was noticed that on digging a well in a marsh, in which the water was soft, in the well the water would be hard.

Range 21.—Is a dry rolling prairie, vegetation continuing scant and sun burnt.

It is similar with Range 20.



Range 19.—Is a dry, rolling prairie, until the White Mud River is reached, towards the centre of the range. The river, now a creek, with a bed of about a chain in width, flows, or rather meanders through a valley about 2 miles wide. Into this valley run many *coulées*, from each side, some of which extend from 2 to 3 miles into the prairie, and have clumps of poplar and ash-leaved maple, the former predominating. Gooseberries, raspberries, currants, and bear berries are also found therein. Occasionally springs are met. In the valley proper there is little wood, but there is a growth of sagebrush, cactus and grass. Magnificent as the creek now appears, yet it is most treacherous. Its bottom is a quicksand, and great caution had to be exercised in crossing it, with the horses and carts. One pony and buckboard were nearly lost in 5 inches of water and sand *ad infinitum*.

The banks of the valley are clay, interspersed with ferruginous boulders and sandstone; no rock formation was met. The valley banks rise 350 feet above the creek, and consist of rugged, steep hills, one overlooking the other. Standing even on the banks, it is difficult to follow the course of the valley, or to distinguish it from the numerous wide-mouthed *coulées* emptying into it. A number of cretaceous fossils, silicified wood and selenite were found. The river was followed, crossed and recrossed three times in about 30 miles, *i. e.*, up to Range 13.

The country through Ranges 18, 17, 16, 15 and 14, away from the river, appears as dry, rolling prairie, of fair soil. The grass on the north side of the river was markedly better than on the south side.

Range 13.—Is dry, rolling prairie, somewhat stony. In this range lies the watershed of the water flowing south and north, Hudson Bay and Gulf of Mexico. From here the watershed runs south-easterly.

Range 12.—Is dry, washed-out, rolling prairie, having sage brush and cactus, and is stony.

Range 11.—Is high prairie, a plateau numerously intersected by deep, steep *coulées* with dry water-courses. Several springs were found in them. This range is also the western foot of Wood Mountain.

Range 10.—Is rolling prairie with good grass. There are a number of water-courses, but all are dry now. In this rolling to hilly prairie, an absence of marshes and ponds is marked. This is accounted for by the fact that in the drainage of the country, which appears to slope north and south in parallel ridges, up to this range, no prominent hills or ridges were seen. The whole appears as a plateau intersected by valleys. The eastern part of Range 10, and the eastern part of Range 9, are hilly, similar to the coteau, having ponds in the bottoms. The water is, in some, fresh; in others, alkaline. The hill tops are invariably stony.

Continuing on through Range 8, we have rolling prairie, and the soil improves to a good, sandy loam.

With the exception of the valley of the east branch of Old Wives' Creek, Range 7 is undulating prairie, of good, sandy loam soil and clay sub-soil. This latter is almost general throughout the North-West. The above creek is now only a succession of pools of good water.

Range 6.—Is more rolling prairie than the preceding range, and has several prominent ridges running north and south, with creeks at the basis leading north, containing water but not flowing now.

Range 5.—Is rolling prairie of good soil. There are several creeks in this range which ceased flowing a short time ago (August 20). The main trail leading from Fort Walsh to Wood Mountain is crossed here.

Range 4.—Is also rolling prairie of good soil, and having a rich vegetation of grass. Several miles to the south of the last two ranges are the next prominent ridges of Wood Mountain, on the northern slope of which there is some poplar timber, as also in the ravines. Nowhere on the 2nd Base Line, since leaving the Blood Reserve, west of the St. Mary's River, was such good and rich vegetation of grass seen as here, the summit of Wood Mountain. It might again be noted that although

Wood Mountain and the coteau adjoin each other, in fact merge into each other, yet they are very distinct in their features. The former has a drainage system with numerous creeks, but no marshes or ponds; the latter is a succession of hills, large mounds, having no drainage and in consequence there is an abundance of stagnant ponds and marshes.

Range 3.—Is somewhat inferior to the preceding range, a part of it being washed out, and consequently gravelly, and in such washed-out spots, cactus and sagebrush grow. In Section 20, south of the base line in this range, is Wood Mountain trading post.

Crossing Range 2, the country is hilly, but the hills have an easy ascent. The higher ones are from 250 to 300 feet above the adjoining valley. They are covered with good grass, and have cherry, willow and thorn-bush; also rose and raspberry bushes on the north or shaded side. The wood (poplar) on the hills is mostly small. The narrow ravines are generally filled with brush and wood. To the south and south-east of the base line here, the wood is of better size, and fit for fuel, fencing and building-logs.

Entering Range 1, Wood Mountain proper is left, and rolling prairie, with good grass, crossed. Wood Mountain may be described as a broken plateau. On it were found many remnants of fossil wood. Flowers and birds are far more abundant here than on the plains.

Some characteristics of the plains are :

The absence, or nearly so, of the phenomenon known as sheet-lightning.

Narrow currents of air, sometimes only a few feet wide, rushing and hissing through the grass in a serpentine course, like a huge snake.

Sound is very easily conveyed, and for long distances; so that speaking at half a mile is done without an effort, and even at a mile. Increased force of voice does not correspondingly convey the sound a greater distance.

Distances are very deceptive. As an example, the picketman was sent to a hill, supposed to be about 2 miles away, but which afterwards proved to be 10.

Similarly deceptive are objects. For instance, a buffalo head was mistaken for an Indian's teepee; a solitary eagle or hawk, perched on a stone, for a buffalo, an Indian, an antelope—in fact, anything the imagination dictates.

When the atmosphere is in good condition, a three-quarter inch picket can be distinctly seen 6 miles away. The best time for telescopic work in the summer is about 5 p. m. Forenoons are worse than afternoons, of which apparently the evaporating dew in the morning is the cause.

There is seldom a calm on the prairie. The general direction of the prevailing wind is from the west.

No drift, as recognized in Eastern Canada, has been met with in the North-West.

It will be found an impossibility to irrigate those parts of the North-West which are destitute of water in the summer. In the first place, the water supply of all streams east of the St. Mary's; during the summer, is very limited; secondly—and which is of more importance—all the streams lie far below the surrounding prairie—from 50 to 500 feet—so that it is an impossibility to construct irrigation ditches from them. Near the Rocky Mountains, where the fall is great, and the river banks not so high, irrigation can be resorted to if desired, as is done in the neighboring Territory of Montana.

Taking a general view of the whole country surveyed, the lands along the 3rd Base Line are far superior to those reported upon last year, along the 5th Base Line, 48 miles to the north. Then on the 2nd Base Line, the best lands are at the western extremities, the Blood Reserve and Wood Mountain. Of the rest, none is absolutely useless, for where nature has devastated vegetation in the "Bad Lands," she has there laid bare, in the *coulées*, coal.

The popular belief of "Bad Lands" along the White Mud River is erroneous. It must be borne in mind that there are many good lands, even if inferior to the Red

River bottom. Many lands have been classed as grazing lands which undoubtedly will, when the population in the North-West increases, be to a great extent absorbed as agricultural lands, as has been done in the neighboring Republic. On the whole, the lands along the international boundary line to the north, have been underrated.

REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, WEST OF THE 4TH MERIDIAN, BY  
L. R. ORD, D. L. S.

Range 8, Township 37.—Rolling prairie. Very rough and uneven, and in the north-east corner rising into the Neutral Hills, some 400 to 500 feet above the plain, and cut by numerous deep ravines. Another range of hills, about 300 feet high, lies in the south-west corner, and both these tracts are wooded on the slope facing north, and in the ravines, the remainder of the surface is heavily rolling and dotted thickly with lakelets and ponds. Soil, a sandy loam, 10 inches deep, with a clay or sandy loam sub-soil; very dry, and would rank below second-class.

Range 8, Township 38.—Rolling prairie. A clay flat, with a small creek, crosses the township south-west to north-east. The creek flows north-east, with a slow current, and the banks are wooded in places, with small cottonwood, poplar, willow and cherry. The other sections are bare of timber, and heavily rolling and hilly in places, with ponds and lakelets. Soil, with the exception of Creek Valley, is a sandy loam, 8 inches deep, with sandy and gravelly sub-soil, and often gravel and boulders strewn on the hill tops. The Creek Valley is a clay flat, alkaline in places, and baked hard and dry by the sun, and is worthless for agriculture. Banks average second and third-class.

Range 8, Township 39.—Rolling prairie, towards the north-west corner, wooded with scattered bluffs of poplar, and rough and hilly in places. The hollows are generally occupied with small ponds, in patches, is alkaline, but the ponds are nearly all good water. The land is poor, being a sandy loam, averaging 4 to 6 inches deep, with a sand and gravel sub-soil, very dry, but improving greatly towards the west boundary, where it is almost first class.

Range 8, Township 40.—Heavy rolling land with numerous bluffs of poplar and willow, and dotted with ponds. The timber is only fit for fuel and temporary buildings. Towards the southern line, the bluffs are more sparsely scattered, becoming, in the south-east corner, open prairie and rough and hilly in places. The soil is in general a sandy loam, averaging 6 inches deep, with clay loam and sandy loam sub-soil, and would rank as class second.

Range 9, Township 37.—Rolling prairie. The hills from Range 8 are wooded on their southern slopes. Ravines occupy the south-east half and make the surface generally rough, and several deep *coulées*, flowing north-east, cut the plains about the foot of their slope. Soil, as a rule, a light and sandy loam, ranking as class second.

Range 9, Township 38.—Rolling prairie, dotted with lakes and ponds, particularly in the north-west part. A range of hills rises to an elevation of 300 feet above the plains in the south-east corner of this township, and these are wooded on some of the northern slopes; otherwise, the surface is bare of timber. The soil is good in the northern sections, but as we go south, becomes lighter and of poorer quality, generally a sandy loam, averaging class second.

Range 9, Township 39.—Rolling land, with bluffs of poplar thickest in the north-west, and becoming more scattered towards the south-east, where the country spreads into open plains. Numerous lakes and ponds dot the township. The soil is a sandy loam some 10 inches deep, with clay loam subsoil, and ranks as class first.

Range 9, Township 40.—Heavy rolling land with numerous thick bluffs of poplar; the hollows generally occupied by lakes and ponds. Battle River flows from Sections 19, to Section 33, in a valley about  $1\frac{1}{2}$  to 2 miles wide, and 300 feet deep, with clay banks, wooded with occasional open patches. The river is about a chain wide, and 18 inches to 3 feet deep, flowing over a mud and gravel bottom, at the rate of about 2 miles per hour.

Range 10, Township 37.—Open prairie, generally rolling in the west part, but becoming more uneven towards the east line; generally dry, with a few ponds and sloughs. The soil, in the former sections, is a clay loam some 10 inches deep, with clay loam subsoil, and is first-class land, but towards the east becomes lighter and more sandy. It would, however, rank as first class; the vegetation is rich.

Range 10, Township 38.—Gently rolling prairie, bluffly towards the northern boundary, but generally open. A few ponds dot the surface. The soil is excellent. The southern part is a clay loam, and towards the north, a black, sandy loam, some 12 to 15 inches deep, with a clay loam subsoil, and well fitted for agriculture.

Range 10, Township 39.—Rolling, bluffly land, with numerous ponds and sloughs. Towards the western portion there are fewer ponds and the bluffs are thicker and heavier. Soil, generally a sandy loam, 10 to 12 inches deep, with clay loam subsoil, and well fitted for agriculture. Ranks as class first. Battle River flows through Sections 31 and 32 into the next township.

Range 10, Township 40.—Is crossed by Battle River from Sections 5 and 6 to Sections 24 to 25, in a valley some 300 feet deep and  $1\frac{1}{2}$  miles wide. The remainder of the township is broken by deep ravines flowing into the river. To the north-west of the latter, the land is generally open, with scattered bluffs, in which the large trees have been fire-killed and are now standing in dense brush. South-east of the river the land is heavily rolling, and covered with thick bluffs of green poplar, some of the trees attaining a fair size. The soil is a sandy loam, 10 to 12 inches deep, with generally a clay loam subsoil, and excepting parts in the valleys and hill tops, would rank as first class.

Range 11, Township 37.—Open and generally rolling plains. A few *coulées* cross, and some marshy ponds dot the surface. The soil is either of a very light and sandy character, or else a hard and sun-baked clay, and would rank below second class.

Range 11, Township 38.—Open, rolling plains. A few scattered bluffs and some small brush close to the northern boundary. The country is generally very dry. The soil improves towards the north, and ranks as class first, although there are some tracts of sandy, dry and worthless lands.

Range 4, Township 39.—Rolling land, generally bluffly. The surface much broken by deep ravines, and Battle River, which crosses from Sections 1 to 12 to Section 36, nearly following the west and north lines, in a valley about a mile wide and some 300 feet deep, and with steep clay banks. The river is sluggish and its course is very tortuous. The valley is mostly wooded, but with timber of not much value, save for fuel. The greater part of the arable surface lies south-east of Battle River, and is rolling land, with numerous thick bluffs of poplar along the valley, gradually spreading into open prairie at the correction line. The soil is a black, sandy, loam, very rich in places.

Range 4, Township 40.—Rolling land, with many thick bluffs of poplar. Sloughs, ponds, a few shallow *coulées* and muskegs cross the township. Soil, a sandy loam, 12 to 15 inches deep and in places very rich; first-class.

Range 4, Township 41.—Rolling country, mostly prairie, with bluffs of poplar, which are thickest in the south and south-east, but thin out towards the north. A range of hills rising to about 300 feet above the plain lies in the south and south-west. Soil, of fair quality, and is a sandy loam some 12 to 15 inches deep, with sandy, and at places, clay sub-soil. Would rank as first-class.

Range 11, Township 42.—Rolling prairie with sparsely scattered bluffs of poplar, somewhat broken by ravines in the north-east corner. A large marshy lake crosses the west line in Section 19, and discharges by a small creek through the ravines in Sections 25 to 36. Soil, sandy loam, rich in places, but averaging below first-class.

Range 11, Township 43.—Rolling prairie, dotted here and there with clumps of small poplar brush. Towards the east line, the surface is broken by broad and deep valleys, into which run numerous ravines, making the country rough and hilly. The slopes are in many places clothed with poplar woods, some of the timber being of fair size. Soil, commonly light and sandy, and would rank as class second.

Range 11, Township 44.—Open rolling prairie, with a few scattered patches of very small poplar. A creek from the west, some 40 links wide and 18 inches deep, flows in a valley deepening to eastward from Section 18 across the township to Section 25, and after crossing the boundary flows south to opposite Section 1, where it turns south-east and may be traced by the eye to the Battle River, several miles distant. The valley is in places wooded, but usually bare of timber. The township is not well fitted for agriculture, being too dry and arid, with very light, sandy soil. Indeed in places it is loose sand, and ranks below class two.

Range 12, Township 41.—Gently rolling prairie, nearly all open, with a few bluffs in patches over the surface. The soil is of good quality, generally a sandy loam, some 15 inches deep, with sandy loam sub-soil. Class one.

Range 12, Township 42.—Rolling land, for the most part prairie, with a few scattered bluffs of poplar, these increasing in number in the northern sections. Soil, a good sandy loam 15 inches deep, with a sandy loam sub soil in the eastern parts, changing to clay loam toward the west. Class one.

Range 12, Township 43.—Rolling land, the southern half bluffy, woods and prairie about equally divided. The timber is poplar, larger than that in many of the ranges to the west, but commonly too small for economic uses, other than for fuel. The northern half of the township is open prairie. The township is very dry, with but few sloughs and ponds, and the soil light and sandy. Ranks below class one.

Range 12, Township 44.—Rolling prairie. Along the base line the country is wooded with bluffs of poplar, but the majority of the township is open plain. A creek flows across the township to the eastward, and a few ponds, some of brackish water, dot the surface. Though there is some good land along the base line and also scattered in patches, the soil would not average above class two, as the greater part of it is a light sandy loam, in some places, a sandy soil and too dry to be of value.

Range 13, Township 41.—Rolling prairie, with scattered bluffs of poplar and brush. The greater part of the surface open. The soil is generally a clay loam, of fair quality, but somewhat dry. It would rank as class one.

Range 13, Township 42.—Rolling prairie, with scattered bluffs of poplar, thickest in the north-east corner. Soil, sandy loam and in places clay loam, 15 inches deep, with sandy and clay loam sub-soil. Somewhat dry, but class one.

Range 13, Township 43.—Rolling prairie. In the western part open, with patches of brush; and in the northern sections a number of ponds and sloughs. A tract, in which the bluffs are more numerous, commences about 2 miles from the western boundary and extends across the township eastward, where the bluffs, in places, form almost continuous strips of woods, some of the trees attaining a fair size. Soil, class one.

Range 13, Township 44.—Rolling prairie, the majority open, with patches of small scrub and occasional bluffs of young poplar in the west. The hollows are often occupied by hay marshes and sloughs, and the creek, from Range 14, crosses the northern part of the township. The soil of the western sections is a sandy loam, averaging 8 inches deep, with clay loam sub-soil, but towards the eastern line it becomes more sandy, and the vegetation is less luxuriant. This portion of the

township is open rolling, prairie, with poor soil, but would suit for grazing purposes, as there are flats of clay and stones, in which, thought unfit for cultivation, the grass is rich. The land would average class two for agricultural purposes.

Range 14, Township 41.—Rolling prairie, with bluffs of poplar, most numerous in the south-west corner, and occasional ponds. A good deal of the wood is fire killed. Soil, sandy loam, 18 inches deep, with sandy and clay sub-soil. Class one.

Range 14, Township 42.—Open, rolling prairie, with a few scattered bluffs and brush, and numerous ponds and marshy sloughs. Soil, clay loam, 12 inches deep, with clay subsoil. Class one.

Range 14, Township 43.—Nearly all open rolling prairie, with occasional bluffs of small poplar and patches of willow bush. Shallow sloughs occupy many of the hollows. Timber of no value. Soil sandy loam 8 inches deep, with clay loam, and in places gravel sub-soil. Class one.

Range 14, Township 44.—Rolling land nearly all open, with a few tracts where the bluffs of poplar are thickly scattered, and the remainder of the township dotted here and there with patches of brush, generally in the hollows surrounding sloughs. A lake crosses the north-west corner and the creek draining it flows eastward close to the north boundary. The soil is of good quality, a sandy loam averaging 8 inches deep with clay loam sub-soil. Class one.

Range 15, Township 41.—Rolling land, generally crossed with bluffs of poplar, which thin out towards the northern part. The surface is dry with occasional ponds. The soil is sandy loam, and in places clay loam 18 inches deep, with a clay sub soil. Class one.

Range 15, Township 42.—Rolling land with bluffs of poplars, and ponds. The soil is in places stony, but usually a clay loam 10 inches deep, with clay sub soil. Class one.

Range 15, Township 43.—Rolling prairie with numerous bluffs of poplar and patches covered by willow brush. A large portion of the land in the south-west and south parts of the township is low and wet, and covered by large marshes, but as we go eastward it becomes more rolling and dry. Here the soil is not so rich and deep, but in spite of a few gravelly patches would rank as class one, being in general a sandy loam 8 inches deep, with a clay loam sub-soil.

Range 15, Township 44.—Rolling prairie, covered with bluffs of small poplar and willow brush, the hollows commonly occupied by grassy sloughs. The northern part seems to be overflowed by a stream; for in the north-west corner is a large tract of recently drowned land, while in the north-east corner a lake of considerable size crosses the base line, and is also surrounded by drowned land, in which the poplars and willows are either still green or recently killed. This wet area is only close to the base line; farther south the land is dry and rolling, and of excellent quality, with a black loam soil, averaging 10 inches deep, and a good loam sub-soil. The wood is only good for fuel.

Range 16, Township 41.—Rolling land; a good deal broken by ravines flowing into Battle River Valley which crosses from Sections 18 and 19 to Sections 2 and 3. The valley is wooded with poplar and occasional spruce, and is about 1 mile wide and 200 feet deep. The stream is very crooked, with gravel and clay banks. The township is mostly wooded with poplar, and occasional ponds dot its surface. The soil is a sandy loam, some 18 inches deep, with a sandy loam sub-soil, and ranks as class one.

Range 16, Township 42.—Rolling land, generally open, with patches of scrub and bluffs. In the south-west corner, the surface is very wet with willow marshes, and here the soil is of fair quality, but in the greater portion of the township it is a very dry clay loam, less than 10 inches deep, with a hard baked clay sub-soil. Ranks class second and third.

Range 16, Township 43.—Rolling prairie, with bluffs of poplar and willow brush, the wood of small size. The land is well drained and dry; but in places the soil is

shallow and is a sandy loam, with clay and clay loam, but in places a gravelly sub-soil. Class one.

Range 16, Township 44.—Rolling land, with bluffs of poplar, willow brush, and marshy stretches. The soil is of good quality, though not well drained in the northern portion, and improves as we go south. The soil is a black sandy loam with clay, and a clay loam sub-soil. Class one.

Range 17, Township 41.—Rolling land, much broken by Battle River Valley, which crosses from Sections 35 and 36 to Sections 13 and 24, and also by creeks and ravines draining into it. The surface is generally wooded with poplar, and in the valley some fair spruce is to be found. In places the soil is good, but on account of the uneven nature of the country would only average class two.

Range 17, Township 42.—Also much broken but more open than the preceding range. The land east of Battle River is comparatively valueless; to the west it is a good deal cut by *coulees*. The soil is fair, in places, but the sub-soil in most of the township is either gravel or a hard clay, that, from some cause—probably excessive drought—has solidified nodules or concretions, becoming almost a clay stone, and too tough to be broken with a spade. The average is below class two.

Range 17, Township 43.—Rolling prairie; nearly all open, with occasional bluffs of small valueless poplar, and stretches of brush. It is not so wet as the township to northward, but it contains a good many ponds. The land towards the southern sections, deteriorates in value, and is cut by numerous *coulees* and ravines, discharging into Battle River Valley, which crosses the south-west corner. The average is class two.

Range 17, Township 44.—Rolling prairie; scattered bluffs of small poplar, and strips covered with brush. Towards the northern line the land is low and somewhat wet, and dotted with numerous ponds and marshes, but southwards it improves. The soil is well adapted for settlement, being a rich sandy loam, averaging 12 inches deep, with a clay and clay loam sub-soil, and nearly all ranking class one.

Range 18, Township 41.—Generally open, rolling land, with scattered bluffs, mostly fire killed brush, and numerous lakelets and ponds. A cart trail from Red Deer Forks to Edmonton crosses the township. The north-east corner of the township is broken by the Valley of Meeting Creek, which traverses it, flowing east in a valley, a mile wide and some 200 feet deep, open on the flat, but wooded on the southern hill. The soil is a sandy loam, very rich in quality and ten to eighteen inches deep, with clay and clay loam sub-soil, and very rich vegetation.

Range 18, Township 42.—Rolling land, open in the east, but covered with hollow brush in the western part. Meeting Creek crosses from Section 19 to Section 3, in a valley which deepens to the south-east in banks of clay, ironstone and a friable sandstone. Traces of carbonaceous shale were seen at the foot of some of the hills, but no coal. The soil, in places, is good, but would not average above second class.

Range 18, Township 43.—Rolling prairie, with bluffs of poplar and willow. Battle River traverses the township from Section 32 to Section 13, and the surface is somewhat cut by ravines draining into it. Here a swift stream, about a chain wide, makes its winding way through cut clay banks, at the bottom of a valley, rather over a mile wide. This valley, broadening, and becoming more shallow towards the east boundary, presents the peculiar result of denudation, often seen in this country. Numerous knolls and hillocks dot the flat at its bottom, and these are in some places covered with wood and grass, or else showing clear and well marked sections of the many coloured banded clays composing them, and form a striking bit of scenery. These clays are interbedded with thin bards of carbonaceous shale, a soft and friable sandstone, and one or two thin layers of clay ironstone and beneath all these at the river's edge and about 100 feet below the plains there crops out, here and there, a seam of coal about four feet thick. It lies beneath a rusted shale and upon a bed of clay, and as well as the surrounding strata, lies quite flat, showing only a few small and local undulations. It is also clear of inter-

bedded shales, the coal between the walls being clean and massive, and of good quality, though, of course, much weathered and very friable where exposed. It may correspond to the upper seam at Edmonton, but this can only be determined by an examination of the country between these points. A good general section could be obtained.

Range 18, Township 44.—Rolling prairie, with bluffs of willow and small poplar, the latter more scattered than in the range to the west. The township is excellent for agricultural purposes, the surface being gently rolling, with occasional ponds, and the soil a rich sandy loam, averaging 10 inches deep, with clay loam sub-soil.

Range 19, Township 43.—Gently undulating and rolling land, with bluffs of small poplar. Both branches of the trail, from Red Deer Forks and Meeting Creek, cross the township. The wood is small, and of no economic value, but the land is excellent for agriculture. The soil is a rich black loam, 12 inches deep, with clay sub-soil.

Range 19, Township 44.—Gently rolling land, with bluffs of small poplar. Battle River crosses the north boundary in Sections 31 and 32. Here is a lake expansion about 30 chains wide at the bottom of a valley, a mile across and 300 feet deep, with banks of clay, mostly wooded. This lake expansion extends nearly all the way across the township, and is said to abound in fish. The trails from Township 43 traverse the south-west corner. The land is all generally good, with a black loam, slightly sandy, and well fitted for settlement.

Range 20, Township 43.—Rolling prairie, with bluffs of small poplar and willow, which become more scattered towards the south. Meeting Creek crosses the township, flowing east, in a broad and shallow depression. The timber is of no value. The soil every where is excellent, being a rich black loam, 12 to 18 inches deep, with clay and clay loam sub-soil, except in the valley of the creek where some patches of boulder strewn land occur.

Range 20, Township 44.—Rolling land, wooded in the western sections with small poplar and willow; towards the east line more open patches are seen, the country rolls more heavily, and is dotted with numerous lakes and ponds. The timber, as a rule, is small, and of little value, but the soil is of good quality, being a black mould, averaging 12 inches deep, with clay and sandy loam sub-soil, but generally the former.

Range 21, Township 43.—Rolling land, generally prairie, with bluffs of willow and poplar of small sizes. Red Deer Lake crosses the south-western corner of the township, and extends north-west several miles. Beaver Lake, drained by Meeting Creek, crosses the north boundary. The land is excellent, and well fitted for agriculture, the only drawback being that little of the poplar is large enough for building purposes. A few stretches of boulder stream lands occur, but the greater part of the soil is a rich black loam, 12 to 15 inches deep, with clay loam, and in places gravelly sub-soil.

Range 21, Township 44.—The western portion lies in the Beaver Hills, and is rough and hilly and well wooded, with numerous lakes. The eastern half is more open, and not so uneven, but covered in great part with young willow and poplar, nearly all the timber being too small for use. The soil is excellent—a rich black loam, 15 to 18 inches deep, with sandy loam sub-soil.

Range 22, Township 43.—Rolling land, mostly prairie, with bluff of poplar and willows, and tracts covered with brush. The timber is of inferior quality and but little of it is fit for building, but the township is well adapted for settlement, the soil being a rich, black loam, generally exceeding 15 inches in depth, with sandy loam and clay loam subsoil. Numerous lakes and ponds occur, the principal of which is Red Deer Lake, a sheet of good fresh water about a mile wide, with apparently no discharge or outlet, lying south-east and north-west, and crossing the north-east corner of the township several miles into it.

Range 22, Township 44.—Is generally heavily rolling, particularly the eastern part among the Beaver Hills. It is open in the western part but well wooded in the



sections, with poplar of small and medium sizes, and willow and poplar brush. The hollows are nearly always occupied by lakes, some of fair size, which dot the surface in all directions. The vegetation is luxuriant, and the soil is rich and fertile, being a deep black loam with clay subsoil.

Range 23, Township 43.—Battle River flows into the northern sections, spreading into a lake expansion surrounded by a large marsh, which occupies several sections. The remainder of the township is gently rolling prairie, with bluffs of poplar and willow, these increasing in number and density towards the western boundary. A slightly brackish lake lies on the line, in Sections 12 and 13, and in its vicinity the soil is white in patches from alkaline matter, although very rich with luxuriant vegetation, and well fitted for agriculture.

Range 23, Township 44.—In the north-west half the land is rolling and mostly open, with bluffs of poplar and willow; the other sections are also rolling prairie, but more thickly covered with bluffs and dotted with ponds and lakes. Battle River, in a shallow valley, traverses the township, flowing north, and leaves it in Section 36, where several trails cross the stream. In this vicinity are two settlers, one of whom, Mr. Donald Todd, has 20 acres under cultivation. He showed me some specimens of wheat, the first grown on Battle River in this district, and it appeared to be of good quality. The land over all this township is excellent.

Range 24, Township 43.—Rolling land, commonly wooded with poplar, willow and a few patches of spruce. There are a great number of ponds and lakelets, and several creeks discharging into Battle River. The soil is fair and averages class 2.

Range 24, Township 44.—Gently rolling country, mostly open, with some bluffs of poplar, and in the southern sections along Battle River occasional groves of spruce. The trail from Edmonton to Calgary crosses the north-west portion of the township, and this is part of the tract known as the Bear Hill Reserve, occupied by a number of Cree Indians, who, under the instruction and supervision of Mr. S. J. Lucas, have all more or less land under cultivation. They have abandoned the cotton "tepee" for the more substantial log cabin, and are in a fair way to become tillers of the soil. This township is as fine a strip of land as any in the district.

Range 25, Township 43.—Rolling, generally covered with willow and bluffs of small poplar, and dotted with numerous marshes and ponds. Some stretches of excellent land lie in the south-west corner, about Battle River. Bow River trail crosses the stream just south of Section 5, and follows the general course of the river across the township to the north-east. South-east of the river the land is wooded with willow and poplar brush, with occasional open stretches and some little spruce, and numerous ponds and marshes. The soil is class 1.

Range 25, Township 44.—Rolling country in the western sections, through which Bear Hill Creek flows, draining a number of lakes and muskegs. The surface is about half open and half covered with woods; some groves of spruce occur. Eastward the land flattens towards Battle River, where some excellent soil may be seen. Class average, 2.

Range 26, Township 43.—Rolling land, mostly wooded with small poplar, a great deal of willow and some spruce. Battle River crosses from Section 30 to Section 3, and a strip of good land follows its course and extends through the eastern part of the township. Across the river, in the south-west corner, the land is not so good, being somewhat marshy, dotted with muskegs and wooded with poplar and willow of small size, and groves of spruce.

Range 26, Township 44.—Rolling country, wooded with small poplar, willow and spruce, in patches and groves. The land is generally low and marshy, and dotted with muskegs; but towards the east line improves in quality and becomes drier. Average, second-class.

Range 27, Township 43.—Rolling country, somewhat hilly in the west, but flat towards the eastern section and wooded with poplar, the timber being, as a rule, small and of little value. The soil is low and marshy, and dotted with muskegs and beaver-dams, and would rank second and third-class.

Range 27, Township 44—Battle River crosses from Section 31 to Section 2, in a broad, shallow valley, generally marshy at the bottom. A strip of prairie, about a mile wide, runs along the valley. The remainder of the township is gently rolling, and wooded south-west of the stream, with poplar and a few spruce; while the north-east half is a tract covered with small poplar and occasional spruces, and where not dotted with muskegs, is totally unfit for cultivation, as it is shallow and gravelly. Third and fourth-class.

Range 28—Broken range adjoining the 5th Meridian—Township 43.—Rolling country, mostly wooded, but a great part has been overrun by fire and nearly all the timber destroyed. Soil, poor and gravelly. Second-class.

Range 28, Township 44.—Rolling country, generally wooded with poplar of small and medium sizes, and a few patches of marshy prairie. No timber of value. The soil is of little worth for cultivation as it is very shallow, with sandy and gravelly sub-soil. It is rated third-class.

REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, WEST OF THE 4TH AND 5TH INITIAL MERIDIANS, BY C. E. WOLFF, D.L.S.

South from the 4th Base, between Ranges 25 and 26, west of 4th Initial Meridian, Townships 12 and 11, the country is level and rolling prairie. Soil, a clay loam, with a clay sub-soil. There is scarcely any water along the line, only two small ponds occurring from base to correction line; one in Section 6, Township 12, and the other in Sections 12 and 7, Township 12.

On the line between Ranges 28 and 29, Township 20, the country is undulating prairie. The northern part of Township 20, Range 29, is covered with small willow and young poplar. The soil is rich, black, sandy loam, with good clay sub-soil, and is excellent farming or grazing land. In Sections 24 and 19, we crossed Sheep Creek, in a valley about 75 feet deep and about 1 mile in width. Sheep Creek is about 3 chains wide, and at the time of survey, was about 3 feet deep. The valley is well wooded with cottonwood and poplar.

Township 19, Ranges 28 and 29, are undulating and level prairie. The soil is a rich, clay loam, but not quite so good as Township 20. The grass is, in every case, rich and plentiful. In Sections 24 and 19 we crossed Tongue Creek, about 25 links wide and 1 foot deep, with sluggish current. In Sections 1 and 6 we crossed High River, running east, where the line crosses, but it turns north shortly after crossing. The valley is heavily wooded with large cottonwood, poplar and willow. The river is about 1½ chains wide, 4 feet deep, and has a very rapid current.

South from the 6th Base through Township 20, Ranges 27 and 23, the country is undulating and level prairie. The soil is a clay loam, with clay sub-soil. The country through this township is very wet. Many parts for miles are entirely flooded from the heavy snows of the past winter. The soil through Township 19, is of the same quality as Township 20, but the country is much drier.

In the southern part of Township 19, and the northern part of Township 18, there is a large lake covering several sections.

The line between Ranges 26 and 27 through Township 20, runs through undulating prairie. The soil is a good sandy loam, with a clay sub-soil. There are numerous small ponds or hay marshes scattered over this township.

Township 19, Ranges 26 and 27 is similar in soil to Township 20; there is not so much water and the country is not quite so undulating.

South from the Sixth Base through Townships 20 and 19, Ranges 25 and 26, the country is rolling prairie, well adapted for farming or grazing purposes, the soil being a good clay and sandy loam, with clay sub-soil. The country about here is thickly dotted with small lakes. The grass is in all cases plentiful, and of a good quality. The meridian between Ranges 23 and 24, Townships 20 and 19, runs through very undulating country. The soil is good, and the grass plentiful, but on the tops of the ridges the soil is light and gravelly and the grass light. A small creek runs along

this line, crossing it in several places in Sections 1 and 6, Township 20, and runs into Bow River. The line between Ranges 23 and 24, through Township 17, north from the 5th Base runs through very undulating country, greatly cut up with *coulées* and one or two small creeks running south-east to the Little Bow River. The soil through this township is a good sandy loam, with clay sub-soil. Continuing the meridian north through Township 18, the country is more undulating than Township 17, and there are also more *coulées*. The soil is the same as in Township 17, grazing in all cases being excellent. Along the meridian between Ranges 25 and 26 through Township 17, the country is high, rolling prairie, the soil, a good clay loam with clay sub-soil. The tops of the ridges are generally covered with small boulders. Continuing north through Township 18, the country becomes low and flat, a good deal of it being covered with from 2 to 4 inches of water, very soft and boggy. The soil is clay. North along the meridian, between Ranges 26 and 27, Township 17, the country is rolling and level. The soil, a good sandy loam, with clay sub-soil. A few shallow ponds are found along the line.

In Sections 13 and 18, Little Bow River was crossed, running south-east, in a valley about 75 feet deep, and very rapid current; water, 1 foot deep.

Continuing north through Township 18, the country is still rolling and level; the soil a little lighter than Township 17, and the ponds more numerous. The meridian between Ranges 27 and 28, Townships 17 and 18, runs through rolling and undulating prairie; the soil is a light clay loam, with clay sub-soil. There are a few shallow ponds along this line.

In Sections 36 and 31, we crossed Little Bow River, course south-east, in a valley about 100 feet deep. The water is about 1 foot deep, with rapid current.

In Sections 24 and 19, Township 18, we struck a lake, which extends north of the correction line and embraces a large area.

The meridian between Ranges 29 and 30, Townships 17 and 18, runs through undulating country; the soil is sand and gravel, with clay sub-soil, and in many places covered with small surface boulders.

In Sections 25 and 30, Township 18, we crossed High River running east in a valley about 60 feet deep. The river is about  $2\frac{1}{2}$  chains wide, and the water about 4 feet deep, with a very rapid current.

South from the 5th Base through Townships 16 and 15, between Ranges 29 and 30, we ascend the north end of the Porcupine Hills. The country is very broken and greatly cut up with deep *coulées*. The soil is a rich clay, from 18 inches to 2½ feet deep. The grass in the valleys is very luxuriant. The tops of the hills are generally gravelly, and the grass lighter.

The meridian between Ranges 21 and 22, Township 7, west of the 4th Initial Meridian, runs through rolling prairie. The soil is a sandy clay with a clay sub-soil.

In Sections 24 and 19 we come to St. Mary's River, which at this point runs a little north of west, is about 5 chains wide, and has a very rapid current. It runs in a valley 250 feet below the level of the prairie. Recrossed the river in Sections 12 and 7, running north of east. There are some rich shows of coal cropping out along the banks of the river.

From the 2nd Base north through Township 5, Ranges 23 and 24, to St. Mary's River, a distance of 1 mile  $12\frac{1}{4}$  chains, the country is undulating. Soil, clay loam, with a clay sub-soil.

The meridian between Ranges 22 and 23, Townships 5 and 6, to St. Mary's River, runs through undulating country. Soil, clay loam. We struck St. Mary's River  $9\frac{1}{2}$  miles north of the base.

The meridian between Ranges 21 and 22, Townships 5 and 6, runs through undulating and level prairie. Soil, clay loam. Crossed Pot Hole Creek in several places on this line. This creek is in a deep gulch, running in a northerly direction. Water was lying in ponds along the bottom at time of survey (6th July).

The meridian between Ranges 20 and 21, Township 7, runs through undulating country. Soil, a clay loam, with clay sub-soil.

Along the meridian between Ranges 20 and 21, Townships 5 and 6, the country is undulating. Soil, a sandy loam, in many places mixed with gravel. The south half of Township 5 is greatly cut up with coulees. Water is to be found in most of them, in small ponds.

The meridian between Ranges 19 and 20, Townships 8 and 7, runs through undulating and rolling prairie. Soil, a hard, grey clay. No water whatever to be found in these townships.

North, along the meridian, between Ranges 19 and 20, Townships 5 and 6, the country is undulating and rolling. Soil, a sandy loam, mixed with gravel. Township 5 is greatly cut up with *coulees* which have small ponds along the bottoms. Along the meridian between Ranges 18 and 19, Townships 7 and 8, the country is undulating. Soil, a sandy loam, mixed with gravel. The grass is poor.

The meridian between Ranges 18 and 19, Townships 5 and 6, runs through rolling prairie. Soil, a sandy loam, with a clay sub-soil, gravelly in many places.

The meridian between Ranges 17 and 18, Townships 8 and 7, runs through undulating and rolling prairie. Soil, a sandy loam mixed with gravel and small boulders. Along the meridian between Ranges 17 and 18 Townships 5 and 6, the country is undulating. Soil, a gravelly clay with clay sub-soil.

In Sections 13 and 18, Township 5, we struck a large fresh water lake half a mile wide and about 4 miles long. The line was crossed about a mile east of the west end of the lake. Along the meridian between Sections 16 and 17, Townships 8 and 7, the country is rolling and undulating. Soil, a light sandy loam, in many places thickly covered with small surface boulders.

Along the meridian between Ranges 16 and 17, Townships 5 and 6, the country is undulating and rolling. Soil, a sandy loam, with clay and gravel sub-soil; the tops of the ridges are a solid bed of gravel, grass is scarce.

South from the 3rd Base between Ranges 15 and 16, Townships 8 and 7, the country is undulating and rolling. Soil, a light sandy loam, with clay and gravel sub-soil; the grass is very short.

The meridian between Ranges 15 and 16, Townships 5 and 6, runs through undulating and rolling prairie. Soil, a sandy loam, in many places covered with surface boulders.

Going north along the meridian between Ranges 14 and 15, Townships 5 and 6, the country for the first 3 miles is very undulating and thickly covered with surface boulders. The country along the rest of the line, to the correction line, is undulating and rolling. Soil, a sandy loam, in many places mixed with gravel; clay sub-soil.

The meridian between Ranges 10 and 11, Townships 5 and 6, runs through undulating and rolling prairie. Soil, a sandy loam, with a gravelly clay sub-soil.

North, along the meridian between, Ranges 9 and 10, Townships 5 and 6, the country is undulating. Soil, a light sandy loam, with blue clay sub-soil. The surface of the ground is thickly strewn with boulders.

Along the meridian between Ranges 8 and 9, Townships 5 and 6, the country is undulating and rolling. Soil, a sandy loam with light blue clay subsoil, in many places mixed with small stone and gravel.

In Sections 13 and 18, Township 5, we crossed an area of Lake Pak-ogh-kee half a mile wide and extending 4 miles west of the line.

The meridian between Ranges 7 and 8, Townships 5 and 6, starts on a small island in Lake Pak-ogh-kee, and at  $1\frac{1}{2}$  miles north of the base it strikes another small island and reaches the mainland at 7,865 chains, in Sections 24 and 19, Township 5. This lake at time of survey had a depth of 6 to 10 feet. The water was of a whitish color and slightly alkaline. From the lake for 2 miles into Township 6, the soil is a white sand, and from there to the correction line it is a sandy loam, with sandy clay sub-soil.

Going north from the second base, along the meridian, between Ranges 6 and 7, Townships 5 and 6, the country for the first two miles is a level prairie. Soil, a grey clay, and covered with sage brush. From thence to the township corner, between Townships 5 and 6, it is sand ridges, with clumps of cherry brush. From the town-

ship corner to the correction line the land is undulating. The soil is a sandy loam with clay sub-soil.

The meridian between Ranges 5 and 6, Townships 5 and 6, runs through rolling and undulating prairie. Soil, a hard, grey clay, in many places mixed with gravel; clay sub-soil. This line is crossed by several *coulées*, running in a south-easterly direction. One of the *coulées* which crosses the line in Sections 24 and 19, Township 5, is well wooded with maple, poplar and willows, a little north-east of where the line crosses it. Water is also to be found in this *coulée*, but only in small quantities. What water is there is of an excellent quality.

The meridian between Ranges 4 and 5, Township 5, runs through a broken country, greatly cut up with a regular network of *coulées*. The soil is a granular, grey clay, with hard clay sub-soil, and almost destitute of vegetation.

Continuing north through Township 6, the country becomes undulating, with fewer *coulées*. The soil is a sandy, clay loam, with clay sub-soil.

The meridian between Ranges 3 and 4, Townships 5 and 6, runs through broken and hilly country, greatly cut up with *coulées*. Soil, sand and gravel, with clay and gravel sub-soil.

The meridian between Ranges 2 and 3, Townships 5 and 6, runs through a very broken and hilly country. Soil, sand and gravel, with clay and gravel sub-soil, and covered with small boulders.

The meridian between Ranges 1 and 2, Township 5, runs through a broken and hilly country, greatly cut up with deep *coulées*. The grass is good in the valleys. The soil is sandy, and the tops of the hills gravel.

Continuing north, through township 6, the country is undulating, and soil a sandy loam, mixed with gravel. There are many *coulées* along the line.

EXTRACTS FROM THE REPORT OF H. D. ELLIS, D.L.S. ON THE SURVEY OF TOWNSHIP OUTLINES IN THE VICINITY OF BATTLEFORD.

Ranges 16 and 15, west of 3rd Meridian, Township 41.—The line between these ranges after crossing a small piece of prairie enters heavy timber, composed principally of poplar, birch and underbrush. There are few swamps. The land is at first rolling, but towards the north becomes hilly, and the timber very heavy.

Township 42 is chiefly prairie and bluffs; the land is hilly and much broken by gullies and swamps.

On the line between Ranges 12 and 13, Townships 40 and 39.—For the first 2 miles in Township 40, there is good land and level prairie; going south the land becomes rolling and bluffy.

Township 39.—The first portion of this line is prairie, but is bluffy afterwards; going south, very heavy timber.

The soil, all along this line, is good, except on the ridges and hills, which are composed of gravel.

Ranges 13 and 14, Township 40.—The northerly portion of this meridian is covered with poplar bluffs, in which there is some fair sized timber. The country is, for the first 3 miles rolling, with a gradual rise to the south, after that it is broken by deep ravines and heavily timbered with poplar. In places there is a little birch. In the bush, there are many large lakes.

On Section 13, Township 39.—We leave the bush and get on prairie. The remainder of this line is broken and hilly, and full of ponds and swamps. The soil is good, but stony in places, being composed chiefly of a sandy loam, with gravel bottom. In the bush is a deep rich black soil, and good water.

Ranges 14 and 15, Townships 39 and 40.—This line commences in heavy timber, composed of birch and poplar, the trees growing from 1 foot to 18 inches in diameter, and continues so for about 3 miles, when open prairie is met with. This latter part of the line is broken and hilly, except the last 2 miles, which is very level, poor land, very stony in the ridges and broken by large lakes.

Ranges 15 and 16, Township 40.—Very hilly and broken by lakes and ponds; very poor stony land.

Township 39.—The northerly portion is broken and stony, the southerly is more level, but very stony and poor land.

Township 40, Range 17.—The whole of this township is very hilly and broken; poor stony land.

Township 39, Range 17.—The first 2 miles is very much broken, the southerly portion is more level, but poor stony land.

**REPORT ON THE SURVEY OF THE 11TH BASE LINE, WEST OF THE 4TH AND 5TH INITIAL MERIDIAN, BY C. A. MAGRATH, DOMINION TOPOGRAPHICAL SURVEYOR.**

*Description of country along the 11th Base Line West of the 4th Meridian.*

Commencing on the 4th Meridian and following the '11th Base Line westward, the surface across Range 1 is hilly, there being a number of ridges running north and south. Some lakelets were observed among these hills. The soil is of a very fair quality; the hill tops, however, contain a large percentage of gravel.

Producing the base line across Range 2, the country is less hilly. Sand hills, with bluffs of poplar, were seen from 3 to 5 miles north of the line.

Range 3.—Is broken by small ravines running northward. The country to the south is a rolling prairie. In this and previous ranges, granite boulders crop out from the hill sides. Soil, first class

In the western part of range 4, the base line leaves the true prairie and passes into a bluff country.

Across Range 5 the country is hilly and well timbered with poplar, from 2 to 8 inches in diameter. Soil, light and sandy.

In Range 6, the line intersects a creek running in a north-easterly direction. Rolling country, with occasional bluffs of poplar. Soil, first-class.

Producing the base line through Range 7, the surface is trough-shaped, with a few large lakes lying on both sides of the base. Scattered bluffs of small poplar in this range. Soil, first-class.

In Range 8, the features of the country change from undulating to hilly, there being a number of small lakes among the hills. The prairie openings are not so large in this range as in the previous one. Soil, first-class.

Passing through Range 9, the country presents a more hilly appearance, with deep lakelets. The line crosses Battle River in this range. At the time of crossing (June 29th) the river was from 3 to 8 feet deep, in the vicinity of the line.

In Range 10 the country is hilly, with a gradual slope towards Battle River. Deep lakelets are interspersed among the hills. This range is well wooded with poplar in bluffs. Soil, first-class.

Across Range 11 the country is rolling, and in the western part of this range, is fairly timbered with poplar. Soil, first-class.

In Range 12, the land is rolling and partially wooded, with scattered bluffs of small poplar. Large lakes are to be seen in this range.

The same character of country prevails through the eastern portion of Range 13, when it becomes undulating, and scattered bluffs of poplar are met with. Soil, first-class.

Range 14 is gently rolling, with scattered bluffs of small poplar. Soil, first-class.

Range 15 is the same character of country as in the previous range. Soil, first-class.

As we approached the Battle River, which is in Range 16, the country was more heavily wooded. The river flows through a valley which is about 1 mile wide. The depression of this valley, below the surrounding prairie, may be estimated at 170 feet. On the west side of the river, the line passes through a very fine grove of spruce, many of the trees being 100 feet high and averaging from 8 to 20 inches in

diameter. Leaving the valley of the river, the base line follows up a deep ravine, well timbered with poplar. Soil, first-class.

Continuing westward, through Range 17, the country is rolling and partially covered with bluffs of poplar and willow scrub. In this range the base crosses a ravine, which runs in an easterly direction towards Battle River. A small creek flows through the ravine, and along its sides some excellent spruce were observed. Soil, first-class.

In Range 18 the base line intersects the trail leading from Edmonton to the forks of the Red Deer River. The country is open and rolling. Soil, first-class.

Across Range 19 the line passes through a well wooded section of poplar from 2 to 8 inches in diameter. It also intersects a range of low hills, which slope towards Buffalo Lake. The western part of the range is considerably broken up with small and deep lakes. Soil, first-class.

At 1 section, 33 chains in Range 20, the line enters Buffalo Lake, which is a beautiful sheet of water; in size about 12 miles long, and from 2 to 5 miles wide. The beach (sand and gravel) presents a lovely appearance. The water in this lake is excellent, and abounds in large pike and suckers. On the north shore the country is densely covered with poplar, from 2 to 8 inches in diameter, and on the south side of the lake the country is open prairie. About 20 chains before entering Buffalo Lake, the line passed close to a number of dilapidated huts, which were, in former years, erected by half-breeds, when the buffalo were plentiful in this locality. An old cart-trail passes round the north side of the lake.

The 11th Base Line leaves Buffalo Lake in Section 34, Range 21. In this broken range the country is undulating and covered with small poplar and willow scrub. Soil, first-class.

Range 22 commences in a fine flat, which appears to run from the north to the south arm of Buffalo Lake. This flat extends along the base about 2 miles. The line then passes over a low ridge, which slopes towards a large creek, 80 links wide and from 3 to 5 feet deep. A few chains west of this creek, the line crosses a lake which is the feeder of the creek just described. This lake is about 2 miles wide, and large marshes adjoin its north and south shores. A creek from the north and another from south empty into the lake; the one from the north is about 6 feet wide, and 2 feet deep, and the one from the south about 50 links wide and 2 feet deep, with a soft, muddy bottom. The lake presents open patches of water, interspersed with larger patches of reeds. Leaving the lake, the base line traverses a range of hills about 200 feet high. Bluffs of poplar are scattered along their slopes.

Across Range 23, the base line passed through a dense growth of high, grey willows and afterwards entered a hilly country, which is wooded with poplar and high, grey willows. No prairie openings on the line. North of the base line, the country is very hilly and thickly covered with poplar. Soil, first-class.

Continuing westward through Range 24, the line passed up a valley which traverses this and Range 25. Scattered bluffs of poplar and willow are the wooded features of this range. North and south of the base line, the country appears to be covered with poplar. The base line crossed a small creek several times. This range is gently rolling. Soil, first-class.

Across Range 25 the surface is undulating, with a gradual slope from the west, and is wooded the same as last range. Soil, first-class.

In Range 26, we enter a small valley which bears north and south. Bow River trail passes through the western side of this valley. Further westward, low ridges run north and south. Lying south of the base is a very superior flat of land. Scattered bluffs of small poplar, willow scrub, and a belt of spruce, cottonwood and poplar represent the woods to be met with in this range. Soil, first-class.

In Range 27, the 4th Base Line passed through a well timbered section of country. Poplar and cottonwood from 4 to 8 inches in diameter; belts of spruce from 8 to 20 inches in diameter, and 60 feet high are found here. Low ridges are met with. The general appearance, however of this range is undulating. Soil, first-class.

Range 28.—At 1 section and 38 chains, the line enters Gull Lake, on the east side of which the country sloping to the west, is densely covered with poplar and high, grey willows. From this lake, which is about 12 miles long and from 3 to 4 miles wide, some excellent pike were taken. Soil, second-class.

Returning to the meridian, between Ranges 27 and 28, and following it south through Township 40, the country is, generally speaking, level. There are a few prairie openings in the first two sections south of the base, and the remaining four are covered with a dense growth of poplar. Soil, first-class.

The line between Townships 39 and 40 was produced westward to the intersection with the 5th Meridian. The country along this line is undulating and comparatively open.

In general, the country along the 11th Base Line, between the 4th and 5th Meridians is well watered and fairly timbered. The soil is a rich, black loam, from 8 to 20 inches, with a clay sub-soil. In many places, vetches, wild pea vines and grass grow most luxuriantly.

*Description of Country along the 11th Base Line, West of 5th Meridian.*

Following the line westward between Townships 39 and 40, Blind Man River was crossed in Section 35. This river is 1 chain and 20 links wide, and from 1 to 3 feet deep. Its banks are precipitous in some places. The valley of the river is about 20 chains wide, and depressed about 60 feet below the adjoining highland. A few fine creeks are to be seen, and the country is partially covered with spruce, poplar and grey willows. Soil, first-class.

Producing the meridian north, between Ranges 1 and 2, to the 11th Base Line, the line passed over a fine flat of land which is partially wooded, and slopes towards the Blind Man River. Soil, first-class.

At the termination of this meridian, the 11th Base Line was projected eastward to Gull Lake. Blind Man River was crossed in Section 32. As we approached Gull Lake, the line passed for 2 miles through a dense growth of poplar. Willow scrub and second growth poplar are found in Sections 31 and 32. Soil, first-class.

Producing the 11th Base Line westward, through Range 2, the line passed over a country broken up by hills and marshes. It is well timbered with spruce, poplar and cottonwood. Soil, first-class.

In Section 35, of Range 3, the line passed over a range of high hills, the average height being 200 feet. This range is partially covered with spruce, poplar, cottonwood and tamarac. The hills, north and south of the line, are heavily timbered. The soil varies from a black loam to a light sand. Muskegs in the former, as well as in this range, are to be found. Soil, second-class.

Range 4.—In Section 36, of this range, the line crossed a stream which is about  $1\frac{1}{2}$  chains wide and from 2 to 5 feet deep. This stream is the chief tributary of Medicine River. The eastern portion of this range is undulating. Low ridges are scattered over the western part of the range, with a few muskegs among them. Willows, poplar, groves of spruce and tamarac, with quantities of fallen timber, are found. Soil, first and third-class.

Throughout Range 5, groves of spruce, cottonwood, balsam and poplar are found, interspersed with willow scrub. There are two small creeks in this range. Excepting prairie openings around these creeks, the range may be classified as heavily wooded. Country hilly. Soil light.

In Range 6 there is a large creek, with small prairie openings. This range, with slight exceptions, is covered with spruce, cottonwood, poplar, balsam and tamarac. The spruce and cottonwood are large and of excellent quality. Soil, third-class.

The same character of country prevails through Range 7 as described in the two previous ranges.

In prolonging the base over the Saskatchewan, the line crossed a small island in the river, which is about 29 chains wide. The valley of the Saskatchewan is depressed



about 100 feet below the adjoining high land. The valuable timber on the last three ranges has, to a great extent, been destroyed by fires. The line passed over patches of fallen timber, piled in many places over 4 feet in height, thereby materially retarding the progress of the survey, as roads to admit the passage of carts had to be cut through the entirety of the last three ranges.

REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, BETWEEN THE 12TH AND 13TH BASES, WEST OF THE 4TH INITIAL MERIDIAN, BY J. J. McARTHUR, D.L.S

Township 25, Range 24.—Is rolling, and interspersed with patches of willows and many swamps. The Calgary trail runs north through this township, to Edmonton. The soil throughout is of first-class quality.

Township 46, Range 24.—Is, for the most part, undulating. The Peace Hills are situated near the centre of the township. The Big Stone Creek, 50 links in width, crosses the south-west part. In the neighborhood of this creek there is much poplar and spruce. With the exception of the Peace Hills, the soil is a heavy sand loam, from 9 to 15 inches in depth, with clay sub-soil. The Calgary trail runs through this township.

Township 45, Range 23.—Is high and undulating, with many scattered bluffs of poplar, and some marshes. The Battle River runs through this township, close to, and sometimes crossing the eastern boundary. The trail from Peace Hills to Todd's Crossing, at the south-east corner, and thence to the Red Deer Forks, runs diagonally across the township. The land, throughout, is of first-class quality.

Township 46, Range 23.—The north half is traversed by two creeks—the Big Stone and a tributary. There is an unsurveyed Indian Reserve on the Big Stone. The Band is not numerous, but they have made considerable progress in farming. The south half is high and undulating, with a few scattered bluffs. Although light in places, the soil is of a good quality.

Township 45, Range 22.—The Battle River runs through the north-west portion of this township. The west half is very undulating and broken by lakes and ponds. The east half is more level. There are many poplar bluffs scattered throughout. The soil is of first-class quality.

Township 46, Range 22.—The Battle River runs through this township. The south side of the valley is more or less thickly wooded with poplar, and a few patches of spruce. To the south of the river, the land is high and undulating and of first-class quality. The soil to the north is equally good, but the country is much broken by lakes and ponds.

Township 47, Range 22.—A great part of the eastern half of this township lies in Bittern Lake. A large lake, with innumerable islands, covers the north-west part. Is well wooded and the soil is excellent.

Township 48, Range 22.—The north-western part of this township lies in Big Hay Lake. Another lake, with innumerable wooded islands, encroaches on the south-west part. Between the latter and Big Hay Lake is a beautiful strip of country, watered by a creek, which I am informed, never freezes. Another creek connects the lake, in which are wooded islands, with Bittern Lake, which encroaches on the south-east corner. The remainder of the township is, more or less, densely wooded with poplar and dotted with deep ponds. The soil is first-class.

Township 45, Range 21.—This township is high and rolling, and more or less overgrown with willow scrub. Swamps are very numerous. There are poplar bluffs scattered throughout. Soil, first-class.

Township 46, Range 21.—The Battle River runs east through the south half of this township. The land on both sides of the river is taken up by well-to-do French half-breeds. The south side of the valley is well wooded with spruce. The part of this township, to the north of the river, is thickly interspersed with bluffs of poplar. The land is excellent, but much broken by lakes and ponds.

Township 47, Range 21.—A large part of the western half of this township is covered by Bittern Lake (alkaline). As we leave the lake, the land rises gradually for about 2 miles, and then becomes hilly and broken by small ponds. The slope from the lake is thickly interspersed with poplar bluffs and prairie openings. The soil in this part cannot be surpassed. In the remainder the soil is good, although alkali is noticeable in low spots.

Township 48, Range 21.—The north-west part is heavily timbered with poplar, and poplar bluffs are scattered throughout the remainder. A creek running south from Little Hay Lake to Battle River, traverses the east half. The country is rolling, with first-class soil. The trails from Battle River Settlement and from Battleford to Edmonton, join about the centre.

Township 45, Range 20.—The Battle River runs in a south-easterly direction, almost diagonally across the township. When a few miles from the western boundary, it expands into a lake about one-half mile in width, which extends for many miles. To the south of the river the land is high and undulating, with scattered bluffs of poplar and willows. Soil, first class. North of the river, the township is slightly undulating, and thickly interspersed with poplar bluffs, and many small swamps. Soil, first-class.

Township 46, Range 20.—The eastern part is traversed by a creek running south into Battle River. The remainder is interspersed with poplar bluffs and small swamps. Soil, first-class.

Township 47, Range 20.—In the interior are several large marshes. The Pretty Hills are situated in the north-west part. A creek flowing south to Battle River runs through the eastern part of the township. Poplar bluffs are scattered throughout. Soil, first-class.

Township 48, Range 20.—The south half is broken by small lakes and marshes. In the north half, through which the Battleford trail runs, there is much poplar bush. The country is undulating, with many swamps. Soil, first-class.

Township 45, Range 19.—The expansion of Battle River runs through the south-west corner of this township. The south half is traversed by Dried Meat Creek, a creek about 50 links in width, which flows into Battle River. The south-west part is interspersed with poplar bluffs and beautiful prairie openings. The remainder of the township is slightly undulating, with numerous small swamps, and more or less overgrown by willow scrub. The soil, throughout, is of the best quality.

Township 46, Range 19.—Is slightly undulating and more or less overgrown by willow scrub. There are poplar bluffs scattered throughout and many marshes. Soil, first class.

Township 47, Range 19.—Is comparatively level with scattered bluffs of poplar. There are many small swamps, and the whole township is more or less overgrown by willow scrub. Soil, first-class.

Township 48, Range 19.—In the interior is a large lake. The land is undulating, with many ponds and marshes. Alkali is noticeable in low spots. There are many scattered bluffs of poplar. Soil, first class.

Township 45, Range 18.—Dried Meat Creek takes its rise in a marsh situated in the north-east part of the township, and then flows east. In the south-east corner is another large marsh, connected with Dried Meat Creek by a slough. Along the south boundary, the land is undulating, with many ponds and bluffs of poplar. The remainder is overgrown by willows, with many small swamps. Soil, first-class.

Township 46, Range 18.—Is slightly undulating with many swamps. There are poplar bluffs scattered throughout and interspersed with patches of willows. Soil, first-class.

Township 47, Range 18.—Is slightly undulating and thickly interspersed with patches of willows and swamps. Poplar bluffs are scattered throughout. Soil, first-class.

Township 48, Range 18.—Is undulating and thickly interspersed with swamps and patches of willows. In the east half is a large quantity of poplar. A lake encroaches on the east side and covers about two sections. Soil, first-class.

Township 45, Range 17.—Is slightly undulating, with many ponds and swamps, and interspersed with bluffs of poplar and willows. Soil, first-class.

Township 46, Range 17.—Is slightly undulating, with many swamps, and patches of poplar and willows. Soil, first-class.

Township 47, Range 17, and Township 48, Range 17.—Are slightly undulating, with many ponds and swamps, and interspersed with bluffs of poplar and willows. Soil, first-class.

Township 45, Range 16.—Is undulating, with small scattered bluffs of poplar and many swamps. A lake encroaches on the north-west corner. Soil, first-class.

Township 46, Range 16.—Is much broken by a large lake or marsh. There are many patches of poplar and willows. Soil, first-class.

Township 47, Range 16 and Township 48, Range 16.—Are undulating, and interspersed with poplar bluffs and swamps. Soil, first-class.

Township 45, Range 15.—A large lake nearly covers the half of this township. The remainder is high and undulating, with many poplar bluffs and swamps. Soil, first-class.

Township 46, Range 15 and Township 47, Range 15.—Are undulating, with many scattered bluffs of poplar and swamps. Soil, first-class.

Township 48, Range 15.—In the western part of this township are many poplar bluffs, and the soil is good. The eastern half forms part of the "15 mile plain." Soil, inferior quality.

Township 45, Range 14.—The western part is high and undulating, and more or less thickly interspersed with bluffs of poplar. Light soil. The east half is open and undulating. Soil, sandy loam with clay sub-soil.

Township 46, Range 14.—Is undulating, with a few poplar bluffs, and gravel and clay ridges. Soil a shallow sandy loam, with clay sub-soil.

Township 47, Range 14.—Is comparatively level, with a few poplar bluffs. Soil a sandy loam, with clay sub-soil.

Township 48, Range 14.—Is level and forms part of the "15 Mile Plain." The soil is a stiff clay in some places mixed with gravel. Vegetation scant.

Township 45, Range 13.—Is traversed by a creek flowing south-east to the Battle River. The land is high and undulating. In the north part are scattered bluffs of poplar. In the interior of the township are several alkaline lakes. Soil, first-class.

Township 46, Range 13.—Is high and undulating, with many swamps. A creek runs south through the west part of this township. There are many scattered bluffs of poplar. Soil, first-class.

Township 47, Range 13.—In the south-east part the land is undulating, with swamps and scattered bluffs of poplar. The remainder forms part of the "15 Mile Plain," the soil of which is a stiff clay, with scant vegetation.

Township 48, Range 13.—Sections 1, 12, 13, 24 and 25 are well wooded with poplar. The remainder of the township forms part of the "15 Mile Plain," the soil of which is a stiff clay, with scant vegetation.

Township 45, Range 12.—Is high, undulating and much broken by lakes and ponds. The soil is a sandy loam, about 6 inches in depth, with clay sub-soil.

Township 46, Range 12.—A good portion of this township lies in the "Rolling Hills." The country is very broken and dotted with lakes and ponds. The north sides of the hills are more or less densely wooded. The soil is good and the grasses luxuriant.

Township 47, Range 12 and Township 48, Range 12.—Are very undulating and broken by ponds and lakes. Poplar bluffs are numerous. The soil is good and the pasturage excellent.

Township 45, Range 10.—A long, narrow alkaline lake extends from the south-east corner, diagonally across the township. In the interior are several lakes. The western part is well wooded. Land high and undulating. Soil, of fair quality.

Township 46, Range 11.—A valley about 50 chains in width, and in which is a long, alkaline lake, extends east and west through this township. To the south of

this valley the country is much broken. To the north, it is undulating, with scattered bluffs of poplar and good soil.

Township 47, Range 11.—Is undulating with many lakes and ponds. There are many scattered bluffs of poplar. Soil good, and pasturage excellent.

Township 48, Range 11.—Is very undulating and dotted with lakes and ponds. Bluffs of poplar are numerous. Soil, excellent.

Townships 45 and 46, Range 10.—Are high, undulating and much broken by ponds and lakes. There are many poplar bluffs. Soil, good.

Townships 47 and 48, Range 10.—Are high and undulating, with innumerable lakes and ponds. Township 48 is thickly interspersed with bluffs of poplar. Soil, good and vegetation luxuriant.

Township 45, Range 9.—A valley through which flows a creek, extends in an easterly direction across this township. South of this valley the land is high and broken. To the north it is undulating, with many bluffs of poplar and some swamps. Soil, good.

Township 46, Range 9.—Is undulating, with many ponds and swamps. Poplar bluffs are numerous. Soil, of a good quality.

Township 47, Range 9.—Is undulating, with many ponds and marshes. Poplar bluffs are scattered throughout. In the western part the ponds are innumerable. Soil, good.

Township 48, Range 9.—“Buffalo Coulée,” running south-east, crosses the north-east corner. To the south of this *coulée* the country is high and undulating, with innumerable lakes and ponds, and thickly interspersed with poplar bluffs. Soil, good.

Township 45, Range 8.—From Section 5 the Battle River runs north-east through the south half. South of the river the soil is sandy, and more or less overgrown by small poplars and willows. The remainder is high and undulating, with many swamps and bluffs of poplar. Soil, good.

Township 46, Range 8.—Is undulating and interspersed with bluffs of green and dry poplar. Soil, excellent.

Township 47, Range 8.—Is undulating, with bluffs of dry and green poplar. Buffalo Coulée runs through the north-eastern part of the township. Soil, first-class.

Township 48, Range 8.—Is undulating. The south-eastern part is open, but the remainder is thickly interspersed with poplar bluffs and many lakes and swamps. Soil, first-class.

Township 45, Range 7.—The soil in the south-west part is sandy, and mostly overgrown with small poplars and willows. Battle River runs through the south part of the township. Along the east boundary, the land is good and interspersed with bluffs of young poplar.

Township 46, Range 7.—From the south-west corner, the valley of the Battle River follows the east boundary for 4 miles. “Buffalo Coulée” touches the north-east corner. The remainder of the township is high and undulating, with many bluffs of dry and green poplar. Soil, first-class.

Township 47, Range 7.—Is undulating, with many lakes and marshes, and interspersed with poplar bluffs. “Buffalo Coulée” runs across the township. Soil, first-class.

Township 48, Range 7.—Is undulating, with many lakes and ponds. The western part is thickly interspersed with poplar bluffs. Soil, first-class.

Township 45, Range 6.—Is undulating with many ponds and lakes. Poplar bluffs are numerous. A lake encroaches on the north-east corner. Soil, first-class.

Township 46, Range 6.—From the south-west corner, the Battle River runs north along the west boundary, and then runs north-east across the correction line. A lake encroaches on the south-east corner. The interior of the township is undulating, with many swamps and ponds, and interspersed with bluffs of dry and green poplar. Soil, first-class.

Township 47, Range 6.—The Battle River crosses the south-east corner. A large lake extends through the interior. The remainder is very undulating, and interspersed with bluffs of dry and green poplar. Soil, first-class.

Township 48, Range 6.—In the south part is a lake. The north-west portion is, in places, heavily timbered. The remainder is very undulating, and interspersed with bluffs of dry and green poplar. In the neighborhood of "Grizzly Bear Coulee," which crosses the north-east corner, the soil is of an inferior quality.

REPORT ON THE SURVEY OF TOWNSHIP OUTLINES, WEST OF THE 3RD INITIAL MERIDIAN, BY F. W. WILKINS, DOMINION TOPOGRAPHICAL SURVEYOR.

The eastern boundary of Township 36, Range 6, is generally open, gently rolling country. The southerly part of Section 1, is rather hilly with a light, sandy soil, third-class. The balance of this line is first and second-class land, having good sand and clay loam soil. The South Saskatchewan River is crossed in Sections 12 and 13, and is, at this point, about a quarter of a mile in width, with swift current and stony bed generally. The river bed is here depressed about 75 feet below prairie level, the east bank being abrupt, but the west bank slopes gently down to the water's edge. A little wood (poplar, birch, cottonwood, &c.) is found along the river at this point, which is near the extreme north end of what is called the Moose Woods.

The eastern boundary of Township 31, Range 7, is in open, rolling prairie generally, with some low (hay) land on Section 13, and also some very light, sandy land on Sections 13 and 36. Fourth-class. The balance of the line is second-class, having a fair, sandy loam soil. The South Saskatchewan River is crossed by this line in Sections 25 and 36, is about a quarter of a mile in width, with swift current and stony banks. The bed of the stream is a good deal obstructed by sand bars, and is depressed below prairie level about 100 feet. The banks of the river are steep on both sides and have some pretty good wood along them, more especially so on the southern side.

The eastern boundary of Township 32, Range 7, is in open rolling prairie, with rather light sandy soil, generally of third-class. A well worn cart trail leading to Prince Albert Settlement, is crossed near the south side of Section 10.

The eastern boundary of Township 33, Range 7, is in knolly country, with very light sandy soil, and fourth-class. A good deal of wood (poplar and willow), generally of small size, is found along this line.

The eastern boundary of Township 34, Range 7, is entirely in sand hills, with clumps of wood (poplar) in the valleys between the hills. Some of this timber is of good size. Fourth-class.

The eastern boundary of Township 35, Range 7, is in knolly to hilly country, with light, sandy soil. Fourth-class. A good deal of poplar and willow wood is found along this line.

The eastern boundary of Township 36, Range 7, is in gentle, rolling, open prairie. Section 1, and the south half of Section 12, are springy and boggy. Fourth-class. The balance of the line is first-class, with good, black, sandy loam soil. A small creek is crossed on this line on Section 12; course, south-east.

The eastern boundary of Township 31, Range 8, is in rolling to knolly country. Section 1 is entirely taken up by the South Saskatchewan River. Sections 12 and 13 are in rolling prairie. Third-class. Sections 24, 25 and 36 have light, sandy soil, and have also a good deal of small wood and brush growing on them. Fourth-class.

The bed of the South Saskatchewan River, which is crossed in Section 1 on this line, is depressed about 125 feet below prairie level, and is very much obstructed by sand bars. The banks are steep on both sides, and are fringed with some nice wood, ash, maple and poplar.

The eastern boundary of Township 32, Range 8, is entirely knolly to hilly country, with light, sandy soil, and a good deal of pretty good wood (poplar) on Sections 1, 12 and 13. Fourth-class.

The eastern boundary of Township 33, Range 8, is in open gently rolling prairie, with light sandy soil, which is third and fourth-class.

The eastern boundary of Township 34, Range 8, is in knolly country, with numerous springy places, and small marshes, a light sandy soil, and having a good deal of small wood growing all along the line. Fourth-class.

The eastern boundary of Township 35, Range 8, is in rolling country. Section 1 is almost entirely covered with a thick growth of young poplars. The large timber (all dead and lying down) appears to have been killed by fire, four or five years ago, the young wood mentioned having sprung up since this fire. The soil on Section 1 is light and sandy, and is rated fourth-class. The balance of this line is mostly first class, with dark clay and sandy loam soils.

The eastern boundary of Township 36, Range 8, is mostly in open rolling prairie. Sections 1 and 12 have dark clay loam. Soil, first-class. The soil, over the balance of this line, is rather light and sandy. Third-class. A long and narrow alkaline lake is crossed in Section 31.

The eastern boundary of Township 31, Range 9, is in rolling to knolly country, with sandy loam soil generally. Second-class.

The eastern boundary of Township 32, Range 9, is in rolling to knolly country, with a little small wood in places, and having light, sandy soil generally. Third and fourth class, excepting Section 36, which is first class.

The eastern boundary of Township 33, Range 9, is in open rolling prairie. Soil, clay loam, and first-class throughout.

The eastern boundary of Township 35, Range 9, is in open, rolling prairie. Sections 1, 12 and south half of 13 are first class, with clay loam soil. Balance of this line is second and third-class, with sand loam soil. A small spring creek, having quite a deep valley, is found on Section 24, course north-east.

The eastern boundary of Township 35, Range 9, is in hilly prairie in general, with clay and sandy loam soil. Mostly first-class, and some second and third. A number of dry water courses and a small spring creek cross this line, with an easterly course. A good sized saline lake (about 6 miles in length and  $1\frac{1}{2}$  miles in width) lies immediately to the east of the the upper part of this line.

The easterly boundary of township 35, Range 9, is in open, rolling prairie, with clay and sandy loam soils generally. First and second-class. A few good sized fresh water marshes, are found in the vicinity.

The eastern boundary of Township 31, Range 10, is in rolling country, broken, in places, into sand knolls, that are generally covered with a thick growth of small bushes. The soil is light and sandy. Fourth-class.

The eastern boundary of Township 32, Range 10, is in similar country to the last, and is fourth-class also.

The eastern boundary of Township 33, Range 10, is open, rolling prairie, with clay loam soil. Class 1 throughout.

The eastern boundary of Township 34, Range 10, is similar country to the last. Class 1 also.

The eastern boundary of Township 35, Range 10, is in open, rolling prairie generally. Soil, generally clay loam with some sandy loam. Classed 1 and 2.

The eastern boundary of Township 36, Range 10, is in open, rolling prairie, excepting the north half of Section 36, on which some wood (poplar, up to 8 inches), is found. The soil on Section 36 is light, and classed 3. The balance of the line is class 1.

The eastern boundary of Township 31, Range 11, is in open, rolling prairie. Soil, sandy loam, mostly class 1, with some class 2. A small creek is crossed in Section 35. Course, north-easterly.

The eastern boundary of Township 32, Range 11, is in open, rolling prairie, with sandy loam soil, and classed 1. Sections 12 and 13, on this line, lie in Goose Lake. This lake is about 4 miles wide, by 5 in length, is apparently very shallow, and, at the time I was there, was literally covered with wild ducks, geese, &c.

The eastern boundary of Township 33, Range 11, is in open, rolling prairie generally. Sections 13 and 24 are broken in places into sandy knolls, having a few bushes growing on them. Class 4. Section 1 is classed 1. The balance of line is class 3. Eagle Creek, winding about into a broad, marshy valley, depressed, perhaps, 30 feet below prairie level, is crossed in the western part of Section 36. This stream, at this point, is about 60 feet wide,  $2\frac{1}{2}$  feet deep, with a slow, sluggish current, saline water and very muddy bottom. Course north-easterly.

The eastern boundary of Township 34, Range 11, is in open, rolling prairie, generally. Section 1, the north half of 24, and the south half of 25 are generally marshy and classed 3 and 4. The balance of the line is classed 1, and has a sandy loam soil.

The eastern boundary of Township 35, Range 11, is in open prairie, with clay loam soil. Mostly classed 1, with some 2 and 4. A slow, saline creek is found in a large bog in the north half of Section 36. The size of the creek was indeterminable; bottom very soft.

The eastern boundary of Township 46, Range 11, is in rolling country, generally. Sections 13, 24 and 25, on this line, are classed 1. The north half of Section 1 and Section 12 are classed 2. The balance of the line is classed 3. A small, saline creek, with an easterly course, is found in Section 1, and is bordered by the same bog spoken of in the last line. Eagle Creek is crossed twice by this line, on Sections 13 and 24, respectively, and has a slow current, is about 60 feet wide and very deep. A good deal of good firewood (ash, maple and willow), is found on sections 13 and 24, along the creek. No other wood is found on this line.

The eastern boundary of Township 31, Range 12, across Sections 1, 12 and 13, is in open, rolling prairie, and classed 1. The balance of the line is knolly and hilly, with light, sandy soil, and classed 4. A belt of very fine poplar wood is found on Section 25, and appears to reach to a considerable distance east and west. Excellent building timber, in considerable quantities, was observed in this belt.

The eastern boundary of Township 32, Range 12, is in rolling country, broken into sandy knolls (having a few small poplars and bushes growing on them), in Sections 1 and 12, class 4; balance of line is classed 1, having clay loam soil.

The eastern boundary of Township 33, Range 12, is in open, rolling prairie, broken into sandy knolls in Section 24. Sections 1, 12, 25 and 36 are classed 1, with sandy loam soil. Sections 13 and 24 are classed 4. Eagle Creek, flowing in a marshy valley, about  $\frac{1}{2}$  mile in width, and depressed below prairie level, about 60 feet, is crossed in Section 13, and is, as usual, wide, slow, saline and deep, with very muddy bottom and easterly course.

The eastern boundary of Township 34, Range 12, is in open rolling prairie. Sections 1, 12, 13 and 36 are classed 1, with good sand loam soil. Sections 24 and 25 are classed 4, being covered, for the greater part, by a large saline flat and marsh.

The eastern boundary of Township 35, Range 13, is in open, rolling prairie, with a few small fresh-water marshes, in places, and classed 1 and 2. Soil, clay and sandy loam.

The eastern boundary of Township 36, Range 12, is in rolling to hilly prairie, with a few small fresh water marshes in places. Classed 1, with clay loam soil. A good sized saline lake is crossed in Sections 12 and 13.

The eastern boundary of Township 31, Range 13, is in open, rolling prairie, with a few fresh water marshes scattered along. Section 36 is classed 2 and 3. The balance of the line is classed 1. The soil is generally clay loam. Eagle Creek, winding about in a valley nearly a mile in width, and depressed about 120 feet below prairie level, is crossed in Section 36. The creek, as usual, is wide, muddy, saline and deep, with easterly course. The seaside plant, *plantago maritima*, is common all along its course.

The eastern boundary of Township 32, Range 13, is in open, rolling prairie, with sandy loam soil, mostly first-class. A very small creek, in a very deep and narrow valley, with a little wood in it, is crossed on Section 12. Course, easterly.

The eastern boundary of Section 33, Range 13, is in rolling to knolly prairie, with a good many small marshes and ponds (some having fresh, and some saline water) in the upper part of the line. Some stony and gravelly land is found in Sections 25 and 36. Second and third-class. Sections 1, 12, 13 and 24 are first-class.

The eastern boundary of Township 34, Range 13, in Sections 1, 12 and 13, crosses about midway, a high range of hills (an outline of the Coteau du Missouri) lying easterly and westerly, and about 6 miles in length. The country through these hills is very much broken, and nearly covered with mixed boulders, stones, &c. Fourth-class. Sections 24 and 36 are rolling prairie, and first-class. Nearly the whole of Section 25 is occupied by a saline lake of perhaps 4 miles in length.

The east boundary of Township 35, Range 13, across Sections 1, 12, 13 and 24, is in very hilly prairie, rising sharply to the north, and second-class. Sections 25 and 36 are very much broken and very hilly. Third-class. This hilly country, just spoken of, is at, and forms part; of Le Grand Coteau du Missouri, or third prairie steppe.

The eastern boundary of Township 36, Range 13, is entirely in very hilly country (Coteau du Missouri) with some nice valleys, but generally very much broken by marshes and ponds, and very stony. Third-class, throughout.

The eastern boundary of Township 31, Range 14, is in open, rolling prairie. Section 24 is third-class, it being entirely occupied, and very much broken, by the valley of Eagle Creek, which is here depressed below prairie land about 150 feet. The creek is as usual, wide, deep, muddy and saline. Sections 1, 12, 13, 25 and 36 are first-class, and have sandy and clay loam soil.

The eastern boundary of Township 32, Range 14, is in open rolling prairie. Sections 1 and 12 are first-class. The balance of the line is second and third-class, the soil getting lighter to the north. The beds of the small creeks, with easterly course, were crossed on Sections 12 and 13 respectively.

The eastern boundary of Township 33, Range 14, is in rolling, to heavily rolling, country, with light sandy soil generally fourth-class. Several smaller alkaline lakes were visible from the line, on either side.

The eastern boundary of Township 34, Range 14, is in a very hilly country, and is in general very broken and stony. Second and fourth-class. Some very high ridges are crossed by this line.

The southern edge of the Coteau du Missouri is apparently met with at the south side of Section 1, or in the north part of Section 36, of the last line. The exact commencement of the coteau is, however, not well defined at this point.

The eastern boundary of Township 35, Range 14, is in hilly country, a good deal broken by ponds and marshes, and very stony in places. Third-class. A small creek in rather a deep valley is found on Section 25. Its course is easterly to a small lake, visible in the east.

The eastern boundary of Township 36, Range 14, is in knolly and hilly country, very much broken by ponds and marshes (mostly saline) and very gravelly and stony generally. Third and fourth-class. This line on Sections 1 and 12, crosses a high prominent ridge of very coarse sand and gravel.

The eastern boundary of Township 31, Range 15, is in open rolling prairie, with some good sized, shallow fresh-water marshes scattered along it. First and second-class generally. The south of Section 1 is very stony; it is in the valley of Eagle Creek, and is fourth-class. A small water course is found on Section 36.

The eastern boundary of Township 32, Range 15, is in open rolling country, rising to the north. Sections 1 and 36 are second-class. Sections 12 and 13 (being springy and alkaline land) are fourth-class. The seaside plant *plantago maritima* is found in abundance on these last two sections. Sections 24 and 25 are first-class, with clay loam soil. The foot of the Coteau du Missouri is met with apparently at the south side of Section 24. The country at this point rises more sharply to the



north, and at the 9th Base a considerable elevation above the plain to the south and east, is reached. The coteau is, however, not well defined here.

The eastern boundary of Township 33, Range 15, is entirely in heavy rolling to hilly country, a great deal broken by ponds and marshes, and very stony in places. Classed third, mostly. A small creek with quite a deep valley, course easterly, is crossed in Section 1.

The eastern boundary of Township 34, Range 15, is in heavy, rolling country, with a good many ponds, and falling rather sharply to the north in the last three miles. Classed first, second and third.

The eastern boundary of Township 35, Range 15, is in open, rolling country, broken in places into sandy knolls. Classed second and fourth. A part of Section 1 and the whole of Section 12, are in a saline lake.

The eastern boundary of Township 36, Range 15, is in rolling to heavily rolling prairie, with quite a number of ponds and small marshes in the northern part. Classed second and third. A small lake, lying in a deep, continuous valley, running in a north-westerly and south-easterly direction, is found in Sections 1 and 12.

The eastern boundary of Township 31, Range 16, crosses Sections 1, 12 and 13; it is in gently undulating open prairie, with dark, heavy clay soil, first-class. The balance of this line is in open, rolling prairie, with clay loam soil, first-class also. The "Coteau du Missouri" is met with at the southern side of Section 24. A small creek, course easterly, is crossed on Section 36.

The eastern boundary of Township 32, Range 16, is in rolling to heavily rolling prairie, with a few small fresh-water marshes scattered along it. Soil, clay loam; first-class.

The eastern boundary of Township 33, Range 16, is in heavily rolling to hilly prairie, with a good many ponds and small marshes, and some very stony places. Classed second for the greater part.

The eastern boundary of Township 34, Range 16, is in open, rolling prairie, with sand loam soil, getting lighter to the south. Sections 1, 12 and 13 are classed second. Sections 24, 25 and 36 and classed fourth.

The eastern boundary of Township 35, Range 16, is in rolling country, occasionally broken into sandy knolls, and is all classed third and fourth, with the exception of Section 36, which is classed first. Sections 1, 12 and part of 13 are pretty well covered with timber (poplar principally), some of which is of sufficient size for building purposes. This wooded tract is about 6 miles long (east and west), and 2 miles wide, and contains a large amount of fuel.

The eastern boundary of Township 36, Range 16, is in open, rolling prairie, with clay loam soil. Classed first and second.

The eastern boundary of Township 31, Range 17, is open, gently undulating to rolling prairie, with clay and clay loam soils, first-class.

The foot of the "Coteau du Missouri" is met with about the centre of Section 25. The face of the Coteau is very stony.

The eastern boundary of Township 32, Range 17, is open, rolling prairie, with clay loam soil for the most part. Classed first throughout.

The eastern boundary of Township 33, Range 17, is rolling to heavily rolling prairie, with clay loam soil. Classed first and second.

The eastern boundary of Township 34, Range 17, crosses sections 1, 12 and 13, is in heavily rolling to hilly country, with a few small marshes and stony places. Second-class. Section 24 is rolling prairie. First-class. Sections 25 and 36 are very marshy. Fourth-class.

The eastern boundary of Township 35, Range 17, is rolling prairie. Section 1 is marshy, and is third-class. Sections 12 and 13 are second class. The balance of the line is first-class. The soil is generally sand loam.

The eastern boundary of Township 36, Range 17, is open, rolling prairie. Sections 1, 12, 13 and the south half of Section 24, have clay loam soil, and are first-class. The north half of Section 24, the whole of Section 25, and the south half of Section 36, are in an alkaline lake, reaching about 4 miles to the west and 6 to the

east. This lake is the most foul-smelling body of water I have ever met with. It is next to an impossibility to go near it.

The eastern boundary of Township 31, Range 18, across Sections 1, 12 and 13, is in hilly prairie. Section 1 and the south half of Section 2, are second-class. Sections 13 and 24 are fourth-class. Sections 25 and 36, being in gently undulating, open prairie, with dark, heavy, clay soil, are first-class. Section 13 is very much broken by gullies (the escarpment of the "Coteau du Missouri" occurring in this section), having much wood (ash, maple and poplar) of fair size, in them. Section 24 is almost entirely occupied by Eagle Creek and its valley, which here reaches close up to the Coteau. Eagle Creek is below prairie level, on the north side, about 150 feet; but on the south side the rise is fully 300 feet before the level of the country to the south is reached. The rise of the Coteau has here to be added to the general depression of the valley.

The eastern boundary of Township 32, Range 18, is in gently undulating, open prairie, with heavy clay soil. First-class. A small creek, with good water (the latter not easily procured on this heavy clay land), running in a valley about 20 feet in depth, crosses this line in Section 24; course, westerly.

The western boundary of Township 33, Range 18, across Sections 1, 12 and 13, is on the same gently undulating, clay plain, as the last line, and is first-class. Section 24, is mostly taken up by the escarpment of the Coteau du Missouri, is a good deal broken, and is in part very stony. Fourth and second-class. Sections 25 and 36 are in heavy, rolling, open prairie, and first and second-class.

The eastern boundary of Township 34, Range 18, is over heavily rolling land in the south, and hilly country in the north. Some of the hills at the north are gravelly. Mostly second-class.

The eastern boundary of Township 35, Range 18, is in general open, rolling prairie; for the greater part first and second-class, with portions third and fourth-class. Section 1 is crossed by a stony ridge, and Section 12 has a few conical hills scattered over it. Section 25 is crossed by two most remarkable and parallel valleys, bearing north-westerly and south-easterly. These valleys are about 100 feet in depth, and their sides are conical, with boulder stones. Long narrow lakes, with extremely salted water, are contained in both valleys, and a little wood (poplar) is found on the south bank of the most southerly one. These valleys are remarkable, in that they appear to belong to a series (found in Townships 35 and 36, in Ranges 17, 18 and 19), and are always seen in pairs, and having no outlet, present the appearance of ditches not intended for drainage.

The eastern boundary of Township 36, Range 18, is in open, rolling prairie, becoming hilly to the north. The soil is generally clay loam. Sections 1 to 24 inclusive, are first-class. Sections 25 and 36 are third-class. A small saline lake is found on Section 25, and a saline bog in Section 36.

The eastern boundary of Township 31, Range 19, is in general very hilly, and much broken by ponds and marshes. It is mostly second and third-class. The scarpment of the Coteau du Missouri occurs in Sections 25 and 36, on this line, and is very much cut up by gullies, and is also very stony. Immediately to the east of this line, coinciding with, and forming the Coteau, for about 5 miles in a south-easterly direction, is a very high range of hills, called on old maps the Bear Hills. As seen from the 9th Base, immediately to the north, these hills appear to have an elevation of about 600 feet, and to be well wooded, on the northern side, with (as far as one could judge at that distance) timber of good size.

The eastern boundary of Township 32, Range 19, is open, gently undulating prairie. Sections 1, 12 and 13 have dark, heavy, clay soil, and are first-class. Section 24 is fourth-class, with gravelly soil. Sections 25 and 36 lie wholly in Cactus Lake. This lake, which is of considerable size, is evidently very shallow, and is an expansion of Eagle Creek, and like the creek, its waters are saline and disagreeable.

Cacti (*Opuntia Mousomensis*) grow in abundance on the whitish, coarse, gravelly clay, along the eastern margin of the lake. This cactus has a very beautiful flower, of a yellow color (old gold shade), with lovely satin-like finish to the petals.

The eastern boundary of Township 33, Range 19, is mostly in gently undulating, open prairie, with heavy clay soil, excepting Section 36, in which the escarpment of the Coteau du Missouri is again met with, and is, as usual, very broken and stony. Sections 1 to 25, inclusive, are first-class. Section 36 is third-class.

The eastern boundary of Township 34, Range 19, is in rolling prairie at the south, to hilly prairie at the north. Section 36 is third-class. The balance of the line, with clay loam soil, is first-class.

The eastern boundary of Township 35, Range 19, is rolling to hilly prairie, with clay loam soil generally. First and second-class. This line, in Section 1, crosses a high, stony ridge; in Section 25, it crosses another of those remarkable valleys, mentioned in Township 35, Range 18, and runs close to the western extremity of another. Both valleys have long, narrow lakes, and salt water in them; a little wood is found on the southern bank of the most northerly one.

The eastern boundary of Township 36, Range 19, is in gently, rolling, open prairie, with clay and sandy loam soils, and is first-class. At the southern side of, Section 12 is found, another of those remarkable narrow valleys, before mentioned, and on Section 1 is found its companion valley. These valleys evidently belong to the same series of valleys referred to in Township 35, Ranges 17 and 18.

The northern boundary of Township 21, Range 7, Section 31, is in knolly to hilly country, with a large quantity of wood (poplar) scattered over it. Fourth class. The balance of the line is in rolling to knolly prairie, with light sandy soil, and is third-class, generally. On Section 33, is found a saline lake, about  $1\frac{1}{2}$  miles in length, by one half mile in width.

The northern boundary of Township 33, Range 7, across Sections 31, 32 and 33, is in low, flat country, with a little small wood in clumps. This would make good hay land. The balance of this line is in knolly to hilly country, with a good deal of small wood, and with very light, sandy soil. Fourth-class throughout.

The northern boundary of Township 33, Range 8, is in rolling prairie. Sections 31, 32 and 33, have clay loam soil, and are first-class. Sections 34 and 35, with sandy loam soil, are second-class. Section 36, which is marshy, is fourth-class.

The northern boundary of Township 33, Range 9, is in open prairie, with clay loam soil. Mostly first-class. A very small spring creek is crossed in Section 33, with quite a deep valley; course, northerly.

The northern boundary of Township 33, Range 10, is an open rolling prairie, and excepting Section 31, has clay loam soil, and is classed one. Section 31 is almost entirely occupied by the marshy valley of Eagle Creek, which crosses this line near the western limit of this section; the land is class four.

In looking over the country in which the lines just described were run, several marked features are observable. Prominently among these and deserving of a short independent sketch, is Eagle Creek, and that remarkable inlet, so to speak, into the 3rd Prairie Steppe (Coteau du Missouri), through which it flows. The ordinary level of this so-called inlet, is about that of the 2nd Prairie Steppe, at the point where it meets the 3rd, and is probably depressed from 150 to 200 feet below the 3rd Steppe. The line of termination of the 2nd Steppe proper, and the commencement of this inlet is very plainly marked. In travelling from the east, over the 2nd Steppe, directly towards this inlet, the soil is in general, of a very sandy nature, when all at once, and almost in the space of one yard, the soil changes to heavy clay, evidently belonging to the cretaceous age. This line of change in the soil has a general north and south direction, and lies directly in the line of the easterly limit of the 3rd Prairie Steppe, as seen to the north and south. The clay plain forming the bottom of this inlet is perfectly level there being very few hollows (surface water is, therefore, very scarce in the summer time), and very few drainage courses. The eastern limit of the inlet may be placed about the centre of Range 15. From this it stretches into the 3rd Prairie Steppe in a north-westerly direction, reaching nearly to Range 20, in Township 34. It would appear also to reach further to the west in Township 32 and 33; but as I did not go further west

than Range 19, I cannot speak positively as to this. The width of the inlet is usually about 12 miles. The enclosing hill (Coteau du Missouri) of this so-called inlet is extremely stony and broken on its face, and a little wood is found in places in the gullies worn into it. Eagle Creek, which in its passage from the 3rd Prairie Steppe to the 2nd, flows down this above mentioned inlet, is in many respects a remarkable stream. Passing from Tramping Lake in Township 34, Range 19 (I judge from appearances), it takes a south-east course to Cactus Lake in Township 33, Range 13, and flows out of this lake in Township 32, Range 18, still holding a south-easterly course and striking the "Coteau du Missouri," in Township 31, in the same range. For some miles it runs at the base of the "Coteau," still holding the same direction until the limit between Ranges 16 and 17 is reached in Township 30. Here its course is changed to almost due east, and leaving the "Coteau" it gradually winds around, south-easterly, until it again reaches Township 34 in Range 10, and from this point to its junction with the North Saskatchewan River, its course is nearly due north. The immediate valley of this stream is about half a mile in width, and at the west is depressed below prairie level, in the inlet about 150 feet, and gradually diminishes in depth, until at the last in Range 10, there is properly speaking, no immediate valley. The soil at the bottom of this valley, which is generally marshy, is invariably composed of the same heavy clay, which is the characteristic soil of the inlet, and has evidently been brought in by the creek. It is perhaps being still brought in, as abundant evidence exists to show that the whole flat of the valley, as far down as Range 10, where the valley ceases, is at times covered with water. The creek itself is generally about 60 feet wide, with a very slow current, and an almost unfathomable depth of soft mud and water; and is, I consider, a bad place to cross with horses and carts. The water in the creek is very saline, and all along the valley, the seaside plant, *Plantago Maritima*, flourishes in abundance.

In conclusion, and viewing the whole tract (Townships 31-36, in Ranges 7-18, inclusive), covered by my season's work, the same is naturally divided into three distinct areas:—

First, that part of the second prairie steppe, reaching from the South Saskatchewan River, at the east, to the base of the third prairie steppe, at the west, and comprising Township 36, Range 6; Townships 31-36, in Ranges 7-11; Townships 31-33, and parts of Townships 34-36 in Range 12; Townships 31-33 in Range 13; Township 31 and part of Township 32, Range 14, and part of Township 31, Range 15. The soil over this tract is in general of a sandy nature, having all grades of sandy soil from the lightest "drifting sand" to first-class sandy loams. Township 36, Range 6, has generally a clay loam soil, and as a rule is a good township throughout. Other patches occur over this section having a clay loam soil, but, as stated before, sandy soil predominates. That part of Ranges 7 and 8 in Townships 31-35, inclusive, lying within 12 miles of the South Saskatchewan River, has, as a rule, a light, sandy soil, broken with hills in Townships 34 and 35, and, of small value for agriculture. Considerable hay land exists in Townships 33 and 34, and a good deal of fair sized wood is found over this light tract. The balance of this area, reaching up to the 3rd Prairie Steppe, with the exception of an occasional tract having light soil, is in rolling country, having fairly good agricultural land, with as a rule, plenty of good water, and wood within a reasonable distance.

The second natural division, or area, is that lying within the inlet before treated of in an earlier part of this report, and is contained in Township 31 and part of 32, Range 16; Townships 31, 32 and part of 33 in Range 17; part of Township 31, Townships 32 and 33, in Range 18. Over this entire tract a heavy clay soil is found, friable and loose, to a depth of 6 inches, but below this, very hard and compact. Fine grass grows everywhere on this land, and therefore the soil is evidently first-class. Water, on this tract, is scarce, and, as a rule, what there is, is not good, being strongly impregnated with various salts. This tract is also within reasonable distance of good wood, notably on the Beaver Hills, and in Townships 34 and 35, Ranges 15 and 16.

The third natural division, or area, is that upon the 3rd Prairie Steppe, and in this division is comprised the balance of my season's work. The eastern part of this tract, comprised in parts of Townships 34, 35 and 36, Range 12; Townships 34, 35 and 36, Range 13; Township 34 and part of 35 and 36, Range 14; Townships 33 and 34, Range 15; Township 33 and part of 34, Range 16, and part of Township 31, Range 18, is beautifully rolling to hilly country, with variable soil, and being gravelly and stony over considerable patches. Some splendid land is to be found in these townships, but on the whole they are better adapted to pasture than to agriculture. Splendid grass and good water are found everywhere over this tract. The balance of the Third Division being that comprised in Townships 34-36 in Ranges 5-18, inclusive, is in rolling country, with generally good clay and sandy loam soils, and occasional hills, but a great part of it is first-class farming land. Good water is to be found in every part of this tract, and good wood, well fitted for building purposes, is within a reasonable distance. On the whole, the section of country through which I worked this summer is a fair one, and a large proportion of it is well adapted to settlement.

*EXTRACT from the Report of Survey of Township Outlines, between the 2nd and 3rd Initial Meridians, by Isaac Traynor, D.L.S.*

Townships 29 and 30, between Ranges 21 and 22, west of 2nd Initial Meridian.—Running north from south-east angle of Section 1, Township 29, Range 22, the first half mile is in a saline depression, with ponds of water not fit for use, and the land generally soft; it is difficult to get horses and carts over. Classed third. The next  $1\frac{1}{2}$  miles are composed of hilly prairie, with small ponds of fresh water. Soil, clay loam, and classed second. For the remaining 10 miles, the country is rolling prairie, with small ponds and marshes of fresh water, with a clay loam soil, from 6 to 14 inches deep, and clay and gravel sub-soil. Classed from 1.5 to 2.

Townships 29 and 30, between Ranges 22 and 23, west of 2nd Initial Meridian.—Running north from the south-east angle of Section 1, Township 29, Range 23, the first mile is in a saline depression, with ponds of brackish water, and may be classed fourth. The next  $1\frac{1}{2}$  miles are undulating prairie, with grassy marshes. Soil, sandy loam, and classed second. For the next  $6\frac{1}{2}$  miles the land is gently rolling, with large saline flats and numerous marshes and ponds of brackish water, and classed from second to third. The land in many places is so saturated with saline matter that it is with great difficulty horses and carts can be got across, making progress extremely slow. The remaining 3 miles are rolling prairie, with some small ponds of fresh water. Soil, a rich sandy loam, with clay sub-soil, and classed one.

Townships 29 and 30, between Ranges 23 and 24, west of 2nd Initial Meridian.—From the 8th Base northerly, the first quarter of a mile is a low, saline flat. The remainder of Township 29 is open, level and undulating prairie, with a few sandy ridges, ponds and marshes of fresh water. Soil, a light loam. First to second-class. Continuing north, across Township 30, for  $2\frac{1}{2}$  miles, the land is chiefly saline depression and muskeg. Third to fifth-class. The next  $1\frac{1}{2}$  miles are gently rolling prairie. Soil, a clay loam, with gravelly sub-soil. First to second-class. A lake, about 40 chains wide and running in a north-west and south-easterly direction for several miles, is here met, and along the line covers a greater part of Sections 25 and 36. On the north-east side of this lake, the land is very stony and classed third.

Townships 29 and 30, between Ranges 25 and 26, west of 2nd Initial Meridian.—North from the 8th Base, for nine miles, the country is rolling prairie, with sandy and gravelly ridges, and small ponds of fresh water. Soil, a clay loam, excepting on the ridges, where it is sandy and gravelly. Second-class. For the next 3 miles north, and 1 west, the land is gently rolling prairie, with numerous grassy ponds and small patches of willows. Soil, sandy loam, and classed second.

Townships 29 and 30, between Ranges 26 and 27, west of 2nd Initial Meridian.—Running north from 8th Base, the first 7 miles are broken and hilly prairie, with numerous deep ponds or basins. Soil, on hills, chiefly sand and gravel, but in the valleys, of fair quality. Second to third-class. For the 5 miles north to the correction line and the “jog west,” the country is rolling prairie, with stony and gravelly knolls. Soil, light to clay loam. Second-class.

Townships 29 and 30, between Ranges 27 and 28, west of 2nd Initial Meridian.—From the 8th Base north, to the 8th Correction Line, the land is broken and hilly prairie, with numerous basins or ponds. Water, fresh. Soil, on hills and knolls, gravelly; and in the valleys, of fair quality. Class 2 to 2.5.

Townships 33 and 34, between Ranges 28 and 29, west of 2nd Initial Meridian.—From the 9th Base to the correction line north, the country is gently rolling prairie, with some sandy and gravelly ridges. Soil, a light clay loam, and classed from 1 to 1.5.

Townships 33 and 34, between Ranges 28 and 27, west of 2nd Initial Meridian.—For the first 2 miles, north of the 9th Base, the country is rolling prairie. Soil, clay loam and classed first. Here the line crosses the easterly end of a lake, about 60 chains wide, and extending some miles to the north-west. Water, fresh and good. From this lake to the 9th Correction Line, the country is rolling prairie, with some ridges, knolls, grassy ponds and marshes. Soil, clay loam, of good quality, and classed from first to second.

Townships 33 and 34, between Ranges 26 and 27, west of 2nd Initial Meridian.—From the 9th Base north, for the first 3 miles, the country is broken with numerous knolls and deep ponds. Soil, gravelly on the ridges and knolls, and of fair quality in the valleys. Class, second to third. From this to the correction line, the country is rolling prairie, with some small knolls, ridges, ponds and marshes. Soil, clay loam. Class, first to second. No timber is met, except small bluffs of willows and poplar brush around the edges of some of the marshes.

Townships 33 and 34, between Ranges 25 and 26, west 2nd Initial Meridian.—Running north, the first 4 miles are rolling prairie, with numerous ponds of fresh water, and small bluffs of willows. Class 1.5 to 2. The next 6 miles are knolly prairie, with numerous deep ponds, and grassy sloughs, and clumps of willows. Second to third class. The next mile is rolling prairie, with small ponds, marshes and scattered knolls. The first half of the east boundary of Section 36, is covered with ponds and marshes. The remainder, to the correction line, is undulating prairie, with knolls, ponds and marshes. Class 1.5 to 3.

Townships 33 and 34, between Ranges 24 and 25, west 2nd Initial Meridian.—Going north, the first 5 miles of the country are rolling prairie, with numerous grassy ponds, stony and gravelly knolls. For the first 2½ miles, poplar bluffs extend on the west of the line. Second-class. The next 7 miles are rolling prairie, with numerous ponds, scattered, stony ridges and knolls. Second to third-class. The soil in the valleys is generally good, but much broken and, on the ridges, gravelly.

Townships 33 and 34, between Ranges 23 and 24, west of 2nd Initial Meridian.—Running north for 11½ miles, the country is gently undulating prairie, with a few grass ponds, marshes, and small clumps of willows. First to second-class. Here a saline lake is met, extending from 1½ to 2 miles in a south-westerly, and some miles in a north-easterly direction. It is very irregular in shape, and it is impossible to give anything like an approximate estimate of its extent, without making measurements.

Townships 32 and 31, Ranges 23 and 24, west of 2nd Initial Meridian.—Going south from 9th Base Line, the first 30 chains are a large pond of brackish water and low land; the next 2 miles gently rolling prairie, with scattered ponds. The next 3 miles are composed of large ponds and marshes, with low ridges intervening. Class 2.5 to 4. The following 3 miles are gently undulating prairie, with occasional marshes. First to second class. The next 3 miles are level prairie, stony, with low marshy land. Second-class. The remainder of this line, to the correction

line, is rolling prairie and stony. The "jog" east, is the same as far as a point where a saline lake, previously described, is met.

Townships 35 and 36, between Ranges 23 and 24, west of 2nd Initial Meridian.—Running south, the first 2 miles are knolly prairie, with numerous bluffs of small poplar, and willows and ponds. The next 8 miles are poplar and willow brush, with trees, chiefly of small growth, but in a few places, 12 inches diameter, and fit for small log buildings, there are numerous willow swamps, and a few small openings of prairie. The remaining 2 miles, to the 9th Correction Line, are rolling prairie, with numerous grassy ponds, marshes, bluffs of willow and poplar. From the Township Corner east to a saline lake, previously mentioned, the land is rolling prairie, with some small marshes. Class 1.5 to 2.5.

Townships 35 and 36, between Ranges 25 and 24, west of 2nd Initial Meridian.—Going south, the first 8 miles are knolly prairie, with numerous ponds, grassy sloughs, and a few scattered ridges. The remaining 4 miles and the "jog" east are knolly prairie, with gravelly and stony ridges, grassy ponds and sloughs. The soil in the valleys is generally good, but on the knolls and ridges, gravelly. Class 2 to 2.5.

Townships 36 and 35, Ranges 25 and 26, west of 2nd Initial Meridian.—Running south, the first  $6\frac{1}{2}$  miles are knolly prairie, with numerous grassy sloughs and large ponds. Class 1.5 to 2.5. The next half mile is low and marshy, with water. Here a lake commences, extending a mile on the line and about 50 chains east, and from  $1\frac{1}{2}$  to 2 miles west. The water is strongly impregnated with saline matter and unfit for use. From this lake to the correction line and the "jog" east, the country is rolling prairie, with grassy ponds and sloughs. Class 1.5 to 2.

Townships 36 and 35, Ranges 26 and 27, west of 2nd Initial Meridian.—Going south from the base to the correction line and the "jog" east, the country is composed of knolly prairie, with large grassy ponds and sloughs. Class 2 to 2.5. On the east boundary Section 7, Township 36, Range 27, a saline lake, 20 chains in width, crosses the line, and extends a short distance west, and about three-quarters of a mile to the east. Immediately west of the end of this lake, and separated from it by a neck of low, marshy land, about 3 chains wide, is another saline lake, extending some miles to the north-west.

Townships 36 and 35, between Ranges 27 and 28, west of 2nd Initial Meridian.—Running south, the first 7 miles are rolling prairie, with scattered knolls and large grassy ponds. Class 2 to 2.5. The remainder, to the correction line, including the "jog" east, is rolling prairie, with grassy marshes and a few large grassy ponds. Class 1.5 to 2.

Townships 36 and 35, between Ranges 28 and 29, west of 2nd Initial Meridian.—Going south, the first 4 miles are hilly and knolly prairie. Class 2 to 2.5. From here to the correction line, the land is level or undulating prairie, with grassy ponds and sloughs. A saline lake is crossed in Section 7, Township 35, Range 29. Class first to second. From the Township Corner east, the first  $\frac{1}{2}$  mile of the "jog" is gently rolling prairie, and class first. The remainder of the line is covered with marsh and pond.

Townships 37 and 38, between Ranges 26 and 25, west of 2nd Initial Meridian.—Running north from the 10th Base Line across Township 37, the first-named Township is composed of rolling prairie, with scattered stony knolls and ridges, and grassy ponds. Continuing north through Township 38, the land is undulating prairie, with numerous grassy ponds and sloughs. In the last  $\frac{1}{2}$  mile, bluffs of poplar and willow brush are met with. Class 1 to 2.5.

Townships 37 and 38, between Ranges 25 and 24, west of 2nd Initial Meridian.—Going north, the first 10 miles are knolly prairie, with scattered ridges, slightly stony, and numerous deep grassy ponds and sloughs. Class 2 to 2.5. The remaining 2 miles are composed of bluffs of willows and poplar. The timber increases to the north. The last  $\frac{1}{2}$  mile is chiefly poplar woods, with timber 8 inches diameter. Class first to second.

Townships 41 and 42, Ranges 25 and 26, west of 2nd Meridian.—From the 11th Base north, the townships named are composed chiefly of bluffs of poplar, the timber measuring 6 inches in diameter, and willows and brush, with small openings of prairie intervening; a few ponds and marshes. The soil is a rich, black loam, from 12 to 18 inches, with a clay loam sub-soil, and classed 1 to 1.5. On Section 36, Township 42, a lake is crossed about  $\frac{1}{2}$  a mile wide, and extending several miles in an easterly and westerly direction. The water is fresh and good, and abounding with fish.

Townships 40 and 39, Ranges 25 and 26, west of the 2nd Initial Meridian.—The 11th Base, south, the first  $4\frac{1}{2}$  miles are rolling prairie, with bluffs of small poplar, willows and brush. Soil, a rich black loam. First-class. From there to the Boundary Corner, between Townships 39 and 40, the land is hilly prairie, with bluffs of poplar and willows, and scattered deep ponds. Second-class. Going south from this point, across Township 39, the country is covered with large bluffs of poplar and Balm of Gilead, the timber measuring up to 14 inches diameter, willow and hazel brush, with occasional prairie openings, and a few ponds of good water. Soil, a rich clay loam and classed first.

Townships 40 and 39, Ranges 24 and 25, west of 2nd Initial Meridian.—From the 11th Base south, the first 3 miles are rolling prairie, with scattered small bluffs of thick willows and young poplar. Soil, a black loam. First-class. In Sections 24 and 25, Range 25, Township 40, a saline lake comes within about 30 chains of the line, and is about 2 miles in length, and three-quarters in breadth. The next  $1\frac{1}{2}$  miles is hilly country, covered with poplar, 14 inches in diameter, thick willows, hazel, and some small prairie openings. Second-class. From this point to the 10th Correction Line, the country is gently rolling and covered with bluffs of poplar, Balm of Gilead, willows, hazel, &c., with a few small openings of prairie, and several large ponds. Soil, a black loam, with clay loam sub-soil. Classed first to second.

Townships 41 and 42, Ranges 24 and 25, west of 2nd Initial Meridian.—From the 11th Base north, the first 4 miles are rolling prairie, brush and scrub, with bluffs of poplar and willow. Soil, clay loam, with clay subsoil, and classed first.

In the next mile, an alkaline lake about 30 chains wide is crossed, extending some 30 chains west, and 1 to 2 miles east. From this lake to the 11th Correction Line, the country is gently rolling, and covered with bluffs of poplar, willow, prairie openings, marshes, and willow swamps. Classed 1 to 2.5.

Townships 40 and 39, Ranges 26 and 27, west of 2nd Initial Meridian.—Going south from 11th Base, the country is undulating and rolling, covered with poplar, willow bluffs, prairie openings and deep ponds. Soil, good. Classed first to second. The latter description of lands extends to where a very saline lake is met, in Section 24, Range 27, Township 39, and left in Section 12. This lake is nearly 2 miles wide, several miles in length, and very irregular in shape. From this to the 10th correction line the land is rolling prairie, with scattered bluffs of poplar and willows. Classed 1.5 to 2.



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PART III.

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## PART III.

GEOLOGICAL AND NATURAL HISTORY SURVEY BRANCH,  
OTTAWA, 31st December, 1883.

SIR,—I have the honour to submit the customary summary Report of the Geological and Natural History Survey and Museum Branch of your Department, for the past year.

Explorations and surveys have been carried on during the summer by a larger number of parties than any previous season. Occasionally they acted in concert, but for the most part, independently of each other. Their investigations have embraced geography, geology, mining, botany and zoology, in all of which much valuable and interesting material has been collected. When studied, and arranged the details will be given in the annual Report of Progress, and the value of the information will I trust prove commensurate with the increased expenditure that has been incurred. In the mean time, the following abstract reports of the work performed have been furnished by the officers in charge of the several parties, and are given in geographical sequence from the west. It may be observed that a large portion of the first six months of the year, now reported on, viz.: 1st January to 31st December, 1883, was occupied in the preparation of the reports just issued, forming a volume of 250 pages, R. 8vo, with 9 maps and 12 illustrations giving details of most of the work, up to December, 1882.

My own work during the past summer from the 5th of July to the 1st November consisted in a further examination of the northern shores of Lake Superior, from Port Arthur to the Pic River, including a visit to the Slate Islands, &c., also an examination of the Rabbit Mountain, silver mine. The Jack Fish Lake, now called Huronian Mine, was also visited, and I have much pleasure in being able to say that I consider it the most promising mining venture I have yet seen in this region. The lode is well defined and can be traced for a considerable distance to the south-west, with an equally promising character, though yet undeveloped. On the 18th of August I proceeded to Rat Portage, where a few days were spent in company with Mr. E. Coste, examining the relations of the Huronian and Laurentian systems. Proceeding thence to Brandon, my attention was directed to an examination of the region south to the Turtle Mountains, including the Brandon Hills and the Souris River, from its junction with the Assiniboine upwards to Plum Creek, the main object being to ascertain the probability of the existence of beds of coal and the occurrence in the Turtle Mountain district of the lignite coal-bearing Tertiary rocks of the Upper Souris River, Roche Percée, &c. The evidence obtained clearly shows that there is every likelihood of workable seams being found here, as on the south flank of the mountain, at the head of Willow Creek, in Dakota, a seam has already been found shewing from 3 to 5 feet of lignite of fair average quality. This seam was visited and examined, and subsequently in ranges 20, 21 and 22 a number of outcrops of strata quite similar to those associated with the coal south of the boundary were found. I was unable to verify the reports that have appeared, from time to time, in the local papers of seams of coal having been discovered in the sinking of wells in the townships on the north side of the mountain, but it would be very desirable to make some further investigations by boring to a moderate depth on the outcrops referred to. This could be done at a cost of about \$5.00 per foot.

Returning to Brandon on the 24th of September, I proceeded west to Calgary and thence, *via* Morley and Padmore to the Cascade (Devil's Lake) River, at the base of Cascade Mountain, where the newly discovered seams of anthracite are exposed. The samples of these coals brought down are now being analyzed, and the result, with such further details as have been ascertained respecting the seams, will be given in the annual report to be prepared during the winter. Cost of season's exploration \$1,392.25.

## BRITISH COLUMBIA AND NORTH-WEST TERRITORIES.

In the southern interior portion of British Columbia, Mr. A. Bowman's work covered a large number of outlying areas, between the 49th and 52nd parallels of latitude. The work of the past summer, together with that of the summer of 1882, briefly noticed in the last report, has been directed to the accumulation of additional precise geographical and geological details, and these are now sufficient to justify the publication of a new edition of the map of this region, which was prepared by Dr. Dawson and published in the report for 1877-78. Additional interest now attaches to this area, as it is traversed throughout by the line of the Canadian Pacific Railway, and its economic importance is therefore likely soon to be realized. The area to be covered by the map is about 30,000 square miles, lying between the 118th and 120th degrees of longitude and the 49th and 52nd degrees of latitude. The main points have been fixed from a series of carefully selected stations, by a system of transit and latitude observations, and these are connected and the intervening country delineated by careful track surveys, of which over fifty sheets are now ready for reduction.

Fossils were collected and geological sections examined on the Chilliwack River, Harrison Lake and along the Fraser at several points, showing the position of the Cretaceous rocks in the axis of the coast ranges and on the Tulameen, South Similkameen and Tranquille Rivers, in proximity to noteworthy gold mining developments; also on the Ma-mit Lake plateau, Adams Lake and elsewhere. Cost of exploration including salary to 30th November, \$2,187.53.

Dr. G. M. Dawson, assisted by Mr. J. B. Tyrrell, B.A., has been occupied during the past summer in the exploration of a portion of the North-West Territory, in the districts of Assineboia and Alberta and in the Rocky Mountain range, partly on the eastern and partly on the western or British Columbia slope.

The month of June was entirely devoted to work on the plains, where a number of outlying points were visited for the purpose of completing the information for a map of the coal fields of the western portion of Alberta. Mr. Weston accompanied Dr. Dawson during this part of the work, devoting himself principally to the collection of fossils and illustrative rock specimens. A large portion of these were afterwards unfortunately lost by the burning of the steamer "Glenfinlas," on which they were shipped from Port Arthur.

The months of July, August, September, and the early part of October, were spent in the Rocky Mountains, between the parallels of 49° and 51° 30'. The Crow Nest, North and South Kootanie, and the Kicking Horse and Bow River passes were explored geologically and geographically with considerable care, and afford an interesting series of sections, running in each case completely across the Rocky Mountain range. The great valley bordering the range on the west, in which the upper portions of the Columbia and Kootanie Rivers flow in opposite directions, was examined in a preliminary manner for a length of about 200 miles. Some time was also spent in exploring the lead waters of the North Fork of the Old Man River, and the Devil's Head valley north of the Bow.

Though the continued dense smoke produced by forest fires interfered much with the work, a preliminary knowledge of the geological and geographical structure of this part of the range, much in advance of that previously available, has been gained. If work can be continued in the same region next year, it should be possible to fill the gaps still remaining and construct a sufficiently accurate map of the whole district.

In connection with the work in this part of the Rocky Mountains, the existence has been proved of large tracts of coal-bearing Cretaceous rocks in the very heart of the range, of which the anthracite region of Cascade River is a special development.

In addition to the geological and necessarily concurrent geographical work, and the collection of fossils and rock specimens, a large collection of plants—chiefly due to the exertions of Mr. Tyrrell—has been made, together with other miscellaneous zoological collections of an interesting character. Over 100 excellent photo-

graphs, illustrating the character of the country traversed, were also obtained. Meteorological observations were kept up as regularly as possible, and over sixty points were fixed in latitude by observations. Cost of season's exploration \$2,663.69.

Mr. R. G. McConnell's field work extended over the country included between Medicine Hat and the eastern end of the Cypress Hills, the South Saskatchewan and the 49th parallel. The southern part of this area afforded a sufficient number of sections to enable the junctions of the various formations to be traced out with a tolerable degree of accuracy, but in the northern portion, their separation, owing to the thickness of the drift covering, was a matter of much greater difficulty, and even of some uncertainty.

In addition to the geological work proper, all the principal topographical features of the country examined were carefully mapped. About 1,800 miles of measurement, principally with the odometer, and also about 250 miles of river traverse, with estimated distances, was accomplished.

The most important fact brought to light during the summer's work was the existence of Tertiary beds in the Cypress Hills region, of later age than any which have yet been found in the North-West. These beds contain well-preserved mamalian remains, of which a number of specimens were collected. They are also underlain by a lignite seam throughout the whole extent of the Cypress Hills, which in some places shows 5 feet of fair fuel.

On the night of the 20th August, at Fish Creek, four horses were stolen from Mr. McConnell, which interfered to some extent with the progress of his work. Every effort has been made to recover them, but hitherto without success. Cost of season's exploration \$1,924.47.

#### DISTRICT OF KEEWATIN (EAST OF LAKE WINNIPEG).

A general knowledge of the geology of the whole country between Lake Superior and the Red River valley had been obtained by explorations made in different years, from 1869 to 1881. Owing to the discovery of the precious metals at the Lake of the Woods, it seemed desirable to have an area of the so-called Huronian rocks carefully worked out as a type of this System, as it occurs in the west. Dr. Bell was therefore instructed to make a more minute examination than had heretofore been done, of the southern part of the District of Keewatin, including an actual survey of the shores and islands of the Lake of the Woods and of Shoal Lake, for the purpose of showing accurately the arrangement and distribution of the sub-divisions in that region, of the System referred to.

In pursuance of these instructions, Dr. Bell left Ottawa on the 2nd of July, and the next day he was joined at Toronto by Messrs. A. C. Lawson and J. W. Tyrrell, as assistants. Supplies, boats and men were secured on the way up, and the party reached Rat Portage on the 16th of July. Dr. Bell had made a general geological examination of the Lake of the Woods, Whitefish Bay and Shoal Lake in 1872, 1873 and 1881, and during the past season his own time was devoted principally to new work in the country lying to the northward of the line of the Canadian Pacific Railway. The following is his report of the season's work:—

"While arrangements were being completed for our systematic survey of the Lake of the Woods, I visited the mining district of Big Stone Bay. Then having provided Messrs. Lawson and Tyrrell with everything requisite for carrying on the detailed survey of the lake and seeing them well started with the work (Mr. Lawson taking the geological and Mr. Tyrrell the topographical), I went to Wabigoon, the starting point of my explorations to the northward. A track survey was first made of the route from Little Wabigoon Lake to Minnetakie Lake, thence the route leading to Lonely Lake was followed, of which a survey had been made in 1872. From Lonely Lake a similar survey was now made of the route and the lakes connected with it, *via* the English, Mattawa and Red Lake Rivers to Red Lake—the distances being checked by numerous observations for latitude.

"A very careful track survey was next made of Red Lake itself, as its shores proved to be of great geological interest. The whole lake (which is of considerable size) lies within a wide belt of Huronian rocks, among which several of the rarer varieties are well developed and they were found to contain some interesting minerals. The narrow belt of Huronian rocks which, in 1872, we conjectured would pass a few miles to the northward of the junction of the English and Mattawa Rivers, was actually found in the position and with the strike it was then supposed to have.

"Returning to Lonely Lake, a track survey of this large sheet of water was made from one extremity to the other, including its numerous islands and deep bays. A long, narrow arm was discovered from its eastern part to a point on the Sturgeon Lake River below Minnietakie Lake. This arm was surveyed in a similar manner, in returning to Little Wabigoon Lake.

"During my absence on these surveys, Mr. E. Coste, of the Ecole Nationale Supérieure des Mines (Paris), whom you had sent up to join my party, arrived at Rat Portage, and, agreeably to your instructions, proceeded to examine the various locations on the Lake of the Woods at which mining for gold had commenced. He collected a considerable number of specimens to illustrate the nature of the veins and their associated rocks. Upwards of forty samples of the ores from amongst these are submitted for assay. On my return to Rat Portage, some of the mining locations which I had not previously examined were visited, and the geological and topographical work which was being prosecuted by Messrs. Lawson and Tyrrell was inspected and tested. In arranging the programme of work for the remainder of the season, at this time, I found it most advantageous in order to expedite matters, to hand my outfit at Wabigoon to Mr. Coste, with instructions to proceed thence to Rainy Lake, by way of the Manitou Lake and River. He was also to examine the large north-west bay of Rainy Lake, Rainy River and part of the Lake of the Woods. In addition to these examinations, if time permitted after his arrival at Rainy Lake, he was to examine the Seine arm of this lake, as far as Sturgeon Falls.

"During the latter part of the season, in further pursuance of your instructions to descend the Winnipeg River and to re-examine the Huronian rocks of the southern shores of Lake Winnipeg and Big Island, where gold was reported to have been discovered, I made a track-survey simultaneously with the geological examination of the whole length of the Winnipeg River. Although you had made a preliminary reconnaissance of the lower part in 1872, and I had explored the upper part during the same year, a considerable intervening portion of it had, however, never been visited by any member of the survey. In making this survey, the distances were checked by observations for latitude. The rocks were found to consist throughout of Laurentian gneiss with limited areas of granite and Huronian schists.

"On Lake Winnipeg, I was prevented from reaching Big Island by stormy weather, but the east shore of the lake was carefully mapped, from the mouth of the Black River to that of the Red River.

"Before leaving Rat Portage, I had instructed Messrs. Lawson and Tyrrell, on finishing the work on the Lake of the Woods and Shoal Lake to proceed separately to make track-surveys of several canoe routes leading eastward and north-eastward of the former lake, and also certain traverses by land. Mr. Lawson was also to visit Shebaskong Bay and other places in the southern division of this lake. By thus dividing the party into four sections, each vying with the others which could accomplish the most, a large extent of ground was rapidly covered, for I found on my return from Rat Portage that the other three sections had completed nearly the whole of the work proscribed, and had all arrived at the place of rendezvous on the same day.

"Only half a day was then spent in packing up our outfit, specimens, &c., and attending to business matters at Rat Portage, which we had made our headquarters for the season, and we left for the east on the 10th October, with the exception of Mr. Coste, who went westward, intending to proceed to Ottawa by way of Winnipeg and Chicago. The men were paid off at Sault Ste. Marie, and Mr. Tyrrell at Owen Sound. Mr. Lawson was continued at field work for a short time in the country to

the northward of the head of Lake Ontario, in compliance with your desire to ascertain a few additional facts, in order to complete for publication, my work of 1859-62, in the western peninsula of the Province of Ontario.

"In conclusion, I may say that the results of the season's operations are to confirm the general mapping in 1873, of the distribution of the Laurentian and Huronian rocks of the above districts, and to add a large amount of accurate geological and topographical details to those which had been ascertained up to 1881, as shown upon the map accompanying my report of that year.

"In addition to the geological and topographical work, which has been briefly referred to, information was collected, as usual, in regard to such matters as the soil, climate, forests, fisheries, zoology and botany of the different districts examined. Photographs of places of interest were taken and numerous observations were made for the variation of the compass. Our collections consist principally of those of rocks, ores and mineral species: those of zoological and botanical specimens being necessarily limited, on account of the expedition with which we carried on the main objects which we had in view. The zoological collections consisted principally of the mollusks, and the botanical of the ferns of the region of which seventeen species were found. Cost of season's exploration including salaries of Messrs. Coste, Tyrell, Lawson and Cochrane to 30th October, \$3,660.00.

#### QUEBEC.

During the first half of May, Mr. R. W. Ells, accompanied by Mr. H. M. Ami visited and examined certain localities along the Vermont boundary from Lake Champlain to Memphremagog, for the purpose of collecting further palæontological evidence on certain doubtful points, in relation to the horizon of some of the formations included in the Quebec group, in the vicinity of Highgate, Swanton and Philipsburgh and also to compare the crystalline rocks further east, in St. Armand, Sutton and Brome townships, with those of the Shickshock Mountains in Gaspé. On the 6th of June Mr. Ells proceeded to the Bay of Chaleurs, accompanied by Mr. A. C. Barlow and N. I. Giroux as assistants, to continue and extend the work of previous seasons in that region and complete, if possible, the surveys of the heads of the various rivers which were partly surveyed by Sir W. Logan and Mr. Murray in 1844. The starting point for the work now contemplated was, therefore, about 15 miles inland, at the forks of the Bonaventure River.

Mr. Ells reports on the work as follows:—

"After repeated delays from violent rains and heavy freshets, we reached the forks of the Bonaventure River, 53 miles from the mouth, where Mr. Murray had been stopped by the immense timber jams. We however cut portage roads past the worst, and cleared out the others, and thus succeeded in completing the survey of the main branch to the lake at its head or nearly to the waters of the Magdalen River. This gave us a section almost across the entire peninsula. We then returned to the forks and tried to ascend the other branches, but the water in them was so low and they were so badly jammed in all directions, that we found a micrometer survey, in canoes, impossible, and therefore, returned to the mouth of the river. We thence ascended the Cascapedia to the forks previously surveyed by Sir W. E. Logan, and surveyed the Salmon Branch, on the direct branch, from Lake Cascapedia, in the Shickshock range. This is a very difficult stream to ascend having a fall of 840 feet in 22 miles. It was measured to within 4 miles of the lake at its head, beyond the Serpentine Mountains, where, our work in this direction was stopped by tremendous rains and lack of supplies, as well as by the difficult nature of the branch. The limit of the Devonian and Silurian formations, and of the Serpentine and their contact with the hornblende and chloritic rocks, were fixed in this direction. Returning thence to the forks, we ascended the Lake Branch, which was struck by Sir Wm. Logan in his traverse from the Chat River, and surveyed the lake and the inlet for several miles, as far as was practicable on account of the low state of the water and the presence of timber jams. We then surveyed the western branch or Miner's Brook for 27 miles to the head

waters of the Casupscull River and the vicinity of Lake Matanne. All these streams take their rise in great alder swamps and we found a large valley, occupied by Devonian strata, having a breadth of 10 to 15 miles, and extending almost the entire distance from the vicinity of Metapedia Lake to the extremity of the Gaspé Peninsula, embracing an area of some 1,500 square miles, having a fine agricultural soil, good timber, and well suited for settlement, unless summer frosts may prevail. We had none of any account while we were in that vicinity, up to the 15th of August, though on the upper waters of the Bonaventure, severe frosts were common about the 15th of July. This valley has an elevation by aneroid of about 650 feet above sea. From a point on the Miner's Brook, five miles from its mouth, a portage of two miles and a-half leads to the great elbow on the Chat River.

"Having completed, as far as practicable, our surveys on the heads of the Cascapedia, we went, on the 15th of August, to Gaspé, for the purpose of completing the survey of the upper part of the York River. We, however, found the upper part of this river to be impassable for canoes on account of the low state of the water, and we could only ascend a distance of 25 miles, and were therefore obliged to return without completing our survey. Thence I proceeded to the Grand Pabos, and measured that stream by pacing for about 15 miles in order to determine the northern limit of a Cambro-silurian basin which had a considerable development before unsuspected. By the time this survey was completed the water in the various streams had become so low that further expeditions in canoes became impossible, and a few days were spent in collecting fossils from various points along the north side of the Bay of Chaleurs. My assistant, Mr. Barlow, had, in the meantime, made large and valuable collections in the vicinity of Percé and Gaspé.

"The latter part of the season was devoted to the examination of the geology of Prince Edward Island, with a view to ascertain more definitely the relations of the so-called Permo-carboniferous to the Triassic, and also to determine the limits and probable value of the gold-bearing strata lately discovered at Cape Wolf. The greater part of the island was traversed and the shore examined from Cape North along the south and east coast to Orwell Bay. Samples of the so called gold ore were collected, and have been assayed in the survey laboratory, with the showing of a very small percentage of gold, (.044 ounces to the ton). The assays held by the company at Charlottetown show from \$15 to \$20 per ton. Silimlar rock to that assayed can be found all along the coast as far as examined from Cape North to Cape Traverse, and the prospects for successful mining are apparently as good at one point as the other.

"The work of the past season, together with that of 1882, has now been plotted and is being embodied in the map sheets, the continuation of those already published of New Brunswick and southern Gaspé. Of these, nine quarter-sheets, covering 13,500 square miles, are in preparation, the greater part of which will soon be ready for the engraver."

Returned to Ottawa, October 6th.

The amount expended during the season, including the trip to Highgate and Magog, was \$2,095, of which \$100 was spent in the trip with Mr. Ami. Of the balance \$410 was spent in salaries of assistants, to November 1st; \$617 for canoe men, and the balance for travelling and incidental expenses.

In pursuance of instructions to continue the exploration of the Gaspé Peninsula, Mr. Lowe, accompanied by Messrs. Porter and Hamilton, as assistants, left Montreal on the 25th of May and proceeded to Quebec, remaining there three days making copies of Crown Land plans.

Leaving Quebec he arrived at Matanne on the 3rd of June, and was employed collecting fossils in the rocks of that locality until the 6th. Ste. Anne des Monte was reached on the 7th. Being unable to proceed up the river on account of the freshet, a base line a mile and a quarter long was accurately measured along the coast, and from it the positions of three peaks, in the Shickshock range, were determined. On the 20th of June, he proceeded up the river to the forks, distant 32 miles.



Here the work of the season commenced. A survey of the south branch was made as far up as the lake at its head. And having returned to the forks on July 4th, where a store camp had been established, the summit of Mount Albert, one of the highest peaks of the Shickshocks, was reached next day. Here a base line about four miles long was measured, from which the positions of 160 peaks were fixed.

While Messrs. Hamilton and Porter were engaged running this base line, and collecting some rare alpine plants, Mr. Lowe made some paced surveys down the brooks which rise in the neighborhood. These afforded some good sections of the Pre-cambrian rocks on the flanks of the mountain. After much delay, caused by rain and fog, the work on Mount Albert was finished, and the depot at the forks again reached on the 20th of July. Leaving his assistant to make surveys of several brooks on the north side of the river, Mr. Lowe descended to Ste. Anne to obtain a fresh supply of provisions and also to compare his barometer with that of Mr. Vibert, of Ste Anne, who kindly kept readings all summer, thus facilitating the determination of the heights of the mountains ascended during the season.

Having returned to the Forks on the 26th of July, the summit of Table Top Mountain, about 10 miles distant, was reached next day, and two days were spent there examining the rocks. A micrometer survey was then made of the west branch of the Magdalen River, from the lake at its head, as far as the Forks, a distance of about 20 miles.

While this survey was being made, Mr. Hamilton remained on the mountain and triangulated about 25 additional peaks.

After these surveys were completed, the Forks of the Ste. Anne were again reached, and from there, descending the river, offset surveys were made up the larger tributary brooks on both sides.

On one of these brooks, Mr. Lowe had the misfortune to strain his knee and was obliged to return to Ste. Anne, leaving Messrs. Porter and Hamilton to finish the work. Having completed this, they reached the mouth of the river on the 19th of August, and as their services were no longer required, they returned by steamer to Montreal on the 22nd, taking with them all the specimens collected during the summer. The next week was spent making a rough survey of the Cape Chat River and examining the rocks found along it. On account of the low state of the water, the river could only be ascended 30 miles.

On the 30th of August, a traverse from Ste. Anne to New Richmond, by way of the Ste. Anne and Little Cascapedia Rivers, was commenced. This occupied 18 days, and was rendered very difficult on account of the number of timber jams met with in the upper part of the Little Cascapedia. A quantity of good land was observed on this river, about 25 miles from its mouth, which would make fine farming land if early frosts do not interfere.

Much valuable timber was also observed along the river, although not of very large size, and composed chiefly of white spruce, balsam, fir, white and yellow birch, poplar, cedar and a few pine.

Arriving at New Richmond, Mr. Lowe proceeded to Dalhousie, where he was joined by Mr. A. E. Barlow. After spending several days here, collecting specimens, he proceeded to Lake Metapedia, where careful examinations of the rocks on the east side were made. These examinations, and a few surveys in the neighborhood of Rimouski, finished the field work, and Ottawa was reached on the 8th of October.

The work was much delayed by rain during June and July, few days passing without rain during some of the 24 hours, and on three occasions, delays of a week were caused by the freshets in the rivers.

Expenses of the season amounted to \$1,393.

It being considered important to obtain more definite and detailed information in connection with the distribution and mode of occurrence and association of the valuable apatite deposits north of the Ottawa, in the townships of Hull, Wakefield, Templeton, &c., and also regarding the location, extent and character of the various worked mines and openings on these deposits, on the 17th of May Mr. Fraser Torrance was requested to commence this work.

## NEW BRUNSWICK.

In New Brunswick the work has been continued, during the past season, under the supervision of Professor Bailey. His own work in the field extended from the 1st of July to the 1st of October, and that of his assistants, Messrs. McInnes and Chalmers, from the same date to the 31st of October. The attention of Professor Bailey and Mr. McInnes, was directed chiefly to observations required for the  $\frac{1}{4}$ -sheet map, No. 1, N.W., embracing portions of the counties of York and Carleton, commenced in 1879 by Professors Bailey and Mr. Broad, and further advanced by the latter in 1880 and 1881. This map is now ready for the engraver. It covers an area of about 4,600 square miles, co-terminous with that embraced in the  $\frac{1}{4}$ -sheets already published. The details of the season's work will be given in the report now being prepared, including that of Mr. Robert Chalmers, whose attention was directed to the surface geology and physical features of the region embracing the valley of the St. John River, from Fredericton to Edmunston, in the county of Madawaska; also, the valley of the Becaguimic, Shiktehawk, Tobique and other eastern tributaries of the St. John, and westward from the latter to the Maine frontier. Mr. Chalmers paid particular attention to the nature of the soils in the districts examined, in relation to their forest growth and suitability for settlement. The cost of the season's explorations was \$1,594.96, including salaries of Professor Bailey and Mr. Chalmers.

## NOVA SCOTIA.

In Nova Scotia the work was continued by Mr. Hugh Fletcher. He left Ottawa on the 5th of June, 1883, and spent several days re-examining the Chimney Corner, Broad Cove, and Port Hood coal-fields, in order to obtain, if possible, a more definite idea of their geological relations by the facts developed in the mining and exploration recently done at these places. At Chimney Corner, Mr. Thomas Evans has re-opened the old workings and extracted a considerable quantity of coal, which he has shipped to Prince Edward Island and elsewhere. No regular mining has been done at Broad Cove, although it was at one time hoped that this mine was about to be re-opened by an American company. Several new openings have, however, been made by Mr. James Wilson, of Broad Cove, on the 7 and 14 feet seams. The want of harbours and of a railway retards mining as well as other branches of industry on the western shores of Cape Breton.

Between June 18th and October 17th, a minute survey and examination was made of the district lying between Country Harbour River and Cape Canso. In its eastern part this district is a wilderness of rocks, interrupted only by a few clumps of second growth spruce and hardwood, and by small clearings made with great labor around the coves and inlets. It is dotted with lakes full of trout, and is underlain for the most part by grey granite.

From the valleys of Isaac's Harbour, Salmon and other rivers further west, large quantities of *ship* and *ton* timber have been obtained, but here also the greater part of the country is unsettled, and the soil rocky and poor. On the Cape Canso peninsula westward to Tor Bay and Guysborough, there are no roads worthy of the name, except that from Guysborough to Canso, and another constructed by the Direct Cable Company from Guysborough to Tor Bay. The settlements are mostly around the harbours and inlets of the coast, and are occupied by fishermen, who travel chiefly by boats. The shore is deeply indented, especially on the south, and guarded by numerous rocks, reefs and islands; inland it is nowhere high, and the brooks are consequently sluggish and interrupted by lakes and "stillwaters."

The prevailing grey granite comes boldly to the shore in the neighborhood of Cape Canso, but generally the shore of Chedabucto Bay is occupied by more or less slaty rocks, separated from the granite by a narrow belt, sometimes of gneiss, sometimes of staurolite rock. The granite also extends brokenly to the westward. From a short distance east of Isaac's Harbour, the gold bearing rocks extend westward along the shore, although interrupted in many places by the granite. Within this

district lie the gold fields of Isaac's Harbour and Stormont. At the former, the Gallagher Company is vigorously working a vein or "lead" which has produced a large quantity of gold. To the north of the granite, lie the metamorphic and igneous Devonian rocks, which have already been described as occupying the greater part of Madame Island and the country between Chedabucto Bay and the Strait of Canso. The southern boundary of these formations extends from the mouth of Salmon River towards Melrose, the river forming the boundary for several miles, and their unconformable contact with the Carboniferous, is to be seen at Guysborough Harbour.

The surveys in Guysborough county referred to above have been plotted and are now being reduced; and a map of this area will be ready for publication next spring. The maps of the counties of Richmond, Victoria and Inverness are already in the hands of the engraver and will soon, it is hoped, be ready for publication. These maps cover an area of about 4,000 square miles.

Mr. Fletcher was assisted during the whole season by Messrs. John McMillan and Rodolphe Faribault, and during part of it by Messrs. J. A. Robert, W. T. McLeod and D. McKinnon. Mr. McMillan was engaged till the end of November collecting specimens of the copper, iron and manganese ores of Cape Breton county for the Museum; and Mr. Faribault, during the same period, was tracing railway and other plans in Halifax, for which every facility was afforded him through the courtesy of Mr. Austen, of the Crown Lands Office and Mr. E. Gilpin, Inspector of Mines.

#### PALÆONTOLOGY AND NATURAL HISTORY.

In this section, Mr. Whiteaves has written the letter press and superintended the illustrations of volume three, part one, of the "Palæozoic Fossils" of Canada. Six out of the eight lithographic plates required have been printed off; the manuscript was given to the printer in December (1883), and the report will probably be issued in February, 1884. When complete, this report will consist of about fifty pages octavo of text, with eight lithographic plates and a few wood cuts, and will contain descriptions of new, imperfectly characterized or previously unrecorded species of fossils from the Guelph formation of Western Ontario. Its preparation has necessitated a previous examination and study, not only of the large collections of fossils from this formation in the museum of the Survey, which have accumulated since 1865, including some five or six hundred specimens recently obtained from Mr. Townsend, of Durham, Ont., but also of the series in the Redpath Museum at Montreal, and of specimens loaned by the trustees of the Elora School Museum, and by the authorities of Queen's College, Kingston.

Mr. Whiteaves also reports that about one-third of the text of the third and concluding portion of the first volume of Canadian "Mesozoic Fossils" has been written, and that the volume will probably be completed early in the spring. The drawings required for its illustration are nearly all made, and four of the lithographic plates have been printed off.

The extensive series of invertebrata from the Laramie and Cretaceous rocks of the Low and Belly River districts, collected by Dr. G. M. Dawson, in 1881, and by R. G. McConnell, in 1882, has been subjected to a preliminary examination, and the whole of the specimens from the Hamilton formation of the Devonian system of Ontario, in the possession of the Survey, including the rare specimens recently presented by the Revs. Hector Currie and J. M. Goodwillic, have been studied critically, and most of the species new to that formation have been identified. For about four months of the present year, as in 1882, the director of the Survey has been occupied in field explorations, and during his absence from Ottawa on each of these occasions the position of acting director has devolved upon Mr. Whiteaves. The remainder of Mr. Whiteaves' time has been devoted to the direction and supervision of the work in this section of the museum.

Mr. Foord prepared a report entitled, "Contributions to the Micro-palæontology of the Cambro-silurian Rocks of Canada," which has been published during the year. It embodies the results of his recent studies on some of the Monticuliporidae and

corals of these rocks, and consists of 22 pages of text octavo, illustrated by seven lithographic plates. He applied for and obtained leave of absence for four months, dating from the 1st of June, and at the expiration of that term, resigned the appointment he held on the staff of the Survey.

From January 1st to May 20th, Mr. T. C. Weston was occupied in making and mounting some 300 microscopical sections of rocks and fossils, in mending and preparing for exhibition in the museum, a number of fossil bones collected by Dr. G. M. Dawson and Mr. R. G. McConnell in the North-West, and in making arrangements for his own field work. The months of June, July and August were spent in the North-West. The principal localities visited were the Cypress Hills, Milk River Ridge, Old Man River, Waterton River and Lake, Pincher and Mill Creeks, Scabby Butte, the South Saskatchewan River, &c., &c. Hand specimens of most of the typical rocks of these localities, and samples of many of the clays and silts, as well as about 1,600 fossils, were collected. These were carefully packed in twelve boxes and shipped when favorable opportunities occurred. Three of these boxes, however (which contained a very important collection of fossils, rocks, skulls, &c., from the Cypress Hills and Milk River district) were, unfortunately, lost on the steamship "Glenniflas." The following is approximately the number of specimens of fossils and rocks collected, exclusive of those which were lost:—

60	Fossil plants from Milk Creek.
7	" " " South Saskatchewan.
56	" " " Scabby Butte.
15	" wood " "
80	" shells, &c., from St. Mary River.
229	" " " " Old Man River.
329	" " " " Pincher Creek.
156	" " " " South Saskatchewan.
60	" " " " Old Man River.

983 Fossils.

78 Rock specimens from various localities.

On the 17th of September, Mr. Weston visited the South Joggins coal field and made an interesting collection of its fossil plants. The rest of his time has been spent in labelling the specimens collected during the summer, and in museum work.

Considerable progress has been made in the classification of the fossils in the museum. The whole of the species from the Trenton, Utica, Galena, Arisaig, Lower Helderberg and Oriskany formations have been re-arranged and labelled by Mr. H. M. Ami, under the supervision of Mr. Whiteaves. The nomenclature of all the fossils from these formations has been revised, and new labels for each species have been printed. The post pliocene fossils of the provinces of Quebec and British Columbia have also been re-classified and labelled. The fossils of the Hudson River and Guelph formations have been regrouped, and the manuscripts of the labels required for them have been prepared and sent to the printer. The fossil plants from the upper Cretaceous rocks of Pine River Forks, B.C., and Vancouver Island, and from the Tertiary deposits of Quesnel, the Similkameen River, and other localities in British Columbia, described by Principal Dawson in the first volume of the "Transactions of the Royal Society of Canada," have been placed on exhibition in their proper places in the museum.

Several collections of fossils received during the year from various formations and localities have been examined by Mr. Ami, and the species determined as far as practicable. Early in the summer, Mr. Ami visited St. Armands and Phillipsburgh, Q., also the vicinity of Highgate Springs and Swanton, near the boundary line in Vermont, and made collections of fossils at each of these localities. Later in the season he collected fossils at Thedford, Bartlett's Mills and Ravenswood, O., in the Hamilton formation (Devonian), at Kettle Point, Lake Huron, in the supposed

equivalents of the Genessee slates, at Guelph, Elora, and Durham, O., in the Guelph formation (Silurian), and at Whitby, in the Utica slate. Three collections of fossils have been made and sent to private collectors in Canada, in return for valuable specimens presented by them, and a full record of all additions to the museum has been kept. Some five or six hundred specimens of Mesozoic and Palæozoic fossils have been collected by Dr. G. M. Dawson and his assistants at several localities between Maple Creek, Alberta district, and the Rocky Mountains, also in the mountains themselves, from the boundary line northward to the Kicking Horse Pass. A series of mammalian bones of unusual interest, including jaws of a large species, apparently nearly allied to *Brontotherium*, has been obtained by R. G. McConnell. Twelve boxes of Palæozoic fossils from various places in the Gaspé peninsula have been received from Mr. R. W. Ells and his assistants, and Professor Macoun has collected a number of fossils and a few recent mollusca from the island of Anticosti.

The number of donations to this branch of the museum during the year has been unusually large and important, as may be seen by the following list.

HER ROYAL HIGHNESS THE PRINCESS LOUISE.

Fine example of the black variety of the common wolf (*Canis lupus*, L.), from Port Simpson, B. C.

Specimen of the porcupine fish (*Paradiodon hystrix*, L.), from Bermuda.

A horned toad (*Phrynosoma cornutum*), from Sherman, Texas.

An embryo shark.

Specimen of the black-lipped conch shell (*Cassis tuberosa*, L.), of exceptionally large size, from the West Indies.

Pancake coral (*Mycedium fragile*, Dana), from Bermuda.

HIS EXCELLENCY THE MARQUIS OF LORNE.

Pair of rough-legged buzzards (*Archibuteo lagopus*).

Flying squirrel (*Sciuropterus volucella*, L.) from the Rideau Hall grounds.

Indian dress from the North-West Territory.

A number of sharks' teeth, &c., from the Miocene phosphatic deposits of South Carolina.

Specimen of fossil rootlets (*Stigmaria ficoides*, Bgt), from the "underlays" of the Carboniferous formation in Nova Scotia.

COLONEL BERNARD, OTTAWA.

Specimen of coralline limestone, seven keratose sponges, six crabs, one dark colored variety of the black-lipped conch shell (*Cassis tuberosa*, L.), seeds of *Eriodendron*, &c., and a number of small shells. All from the Bahamas.

COLONEL C. C. GRANT, HAMILTON.

Sixty specimens of Silurian fossils from the Clinton and Niagara formations at Hamilton, Ont.

A. J. HILL, ESQ., C. E., BRITISH COLUMBIA.

Six specimens of wood, showing the burrows of the ship-worm (*Xylotrya*) of the Pacific coast.

Numerous alcoholic preparations of mollusca and asteriadae from British Columbia.

F. N. GISBORNE, ESQ., F. R. S. C., OTTAWA.

One (dry) specimen of *Astrophyton agassizii*, Stimpson, from the Gulf of St. Lawrence.

S. CASTLEMAN, Esq.

Stone gouge and stone adze, from Casselman, O.

W. R. BILLINGS, Esq., OTTAWA.

Two specimens of *Receptaculites occidentalis*, Salter; one *Astylospongia parvula*, and thirteen specimens of sponges, from the Trenton limestone of Ottawa, O.

W. H. McINTYRE, Esq.

One specimen of the great white egret (*Herodias egretta*, Gray).

REV. HECTOR CURRIE, B.A. THEDFORD, O.

Specimens of blastoids and crinoids from the Hamilton formation of western Ontario.

REV. J. M. GOODWILLIE, M.A., NEWMARKET, O.

Sixteen fossils from the Hudson River formation of Weston, O.

W. R. SMITH, Esq., BELLEVILLE.

Eight species of fossils from the Trenton limestone at Belleville, O., retained out of a series of thirty-two species sent for examination.

J. S. BROUGH, Esq.

One specimen of *Trimerella acuminata*, Billings, from the Guelph formation of Elora, O.

#### BOTANY.

Respecting the work in this section, Professor Macoun reports as follows:—

“During my studies last winter, it became apparent that a very superficial knowledge of the flora of Nova Scotia, Prince Edward Island, and Anticosti had been obtained by local botanists and other collectors. It was therefore considered desirable to examine as much as possible of these areas during the summer. I am happy to state that the results are far in advance of our most sanguine expectations, and much more correct views can now be arrived at in regard to the geographical distribution of many species. Along the outer coasts of Nova Scotia and on the islands in the Gulf, there are remnants of a flora more closely related to that of Greenland and Europe than has been hitherto suspected.

“I left Ottawa on the 6th of June, and reached Truro, in Nova Scotia, on the 9th. A week spent there enabled me to make a very complete examination of the flora of the vicinity, both cryptogamic and otherwise.

“649 species were noted, and specimens were collected of all that were fit. On the 16th, I proceeded to Halifax where in the space of four days numerous discoveries and large collections were made. Between the 21st and 30th of June, Yarmouth, Digby, Annapolis, Kingston, Kentville, Cape Blomidon and Windsor were visited. On the 3rd of July I was at Bedford, on the 4th at Truro, and on the 5th and 6th at Pictou. Between the 7th and 23rd of July I visited the Straits of Canso, Sidney, Louisburg, Baddeck and Whycomagh. In all of these localities, discoveries and large collections were made. Leaving Nova Scotia on the 24th of July, I proceeded to Quebec, hoping to obtain a passage to Anticosti by the “Napoleon III,” but did not succeed in doing so and therefore returned to Gaspé Basin, and there hired a schooner to take me to Anticosti. We reached the Island on the 9th of August, landing at Salt Lake, and commenced collecting the same day. Hitherto, only 211 species of flowering plants

had been recorded from Anticosti. These were all found in less than two days. South-West Point was next examined; Jupiter River was ascended for twenty miles, and Gunn, St. Mary and Bessie Rivers were visited. We were detained by head winds for five days at the latter, which was ascended to a lake about six miles inland. At all these points collections were made, including fossils and recent shells from some of them. The unfavorable weather continuing, I started on foot for Ellis Bay, and the following day reached English Bay, at the extreme western end of the Island, having walked 37 miles in the teeth of a north-west gale. On the 12th of September, I left English Bay and returned *via* Gaspé Basin and Quebec to Ottawa. About two weeks were then spent collecting fungi around Ottawa, and ten days in the county of Northumberland, where over one hundred species not seen around Ottawa were collected. This work is preparatory to the publication of a complete standard catalogue of Canadian fungi in which, as far as practicable, the edible and poisonous species will be noted."

During the year the first part of the catalogue of Canadian plants, Polypetalac referred to in my last report was published in a volume of 192 pp., R. 8vo. Part II., Gamopetalæ is now being prepared and will be ready for publication in the spring.

In June last I was authorized to purchase Professor Macoun's private collection consisting of 1,745 genera and 7,000 species of Canadian and United States plants.

#### CHEMICAL, MINERAL AND LITHOLOGICAL SECTIONS.

The work carried out in the chemical laboratory during the past year has been almost solely confined to the examination and analysis of such minerals, &c., &c., as were deemed likely to prove of economic value.

It included:—

1. Analysis of an extensive series of coals and lignites from the North-West Territory.
2. Analysis of iron and copper ores.
3. Gold and silver assays.
4. Qualitative analysis of waters—mineral and otherwise—and numerous miscellaneous examinations.

Upwards of 200 mineral specimens have been received, brought or sent, for identification and information in regard to their possible economic value. Apart from the time devoted to personal interviews in this connection, it further entailed the writing of some seventy letters, which, in a great many cases, partook of the nature of reports.

Besides assistance rendered in the laboratory, Mr. J. D. Adams has devoted a portion of his time to lithological investigations; he was also engaged during the summer in field work, having spent about two months and a-half in examining the area of anorthosite rocks, about Lakes St. John and Kenogami and the discharges of the Saguenay.

The Assistant Curator of the mineralogical section of the museum, Mr. C. W. Willmott, was engaged during the earlier portion of the year in sorting, arranging and cataloguing the contents of a large number of boxes of minerals, thereby rendering the same readily accessible for making up collections for educational institutions. Ten such collections were arranged, catalogued and distributed during the past year, comprising in all some 1,100 specimens of rocks and minerals.

During the summer months he visited a number of localities in the provinces of Quebec, Ontario and Nova Scotia, for the purpose of collecting minerals and acquiring such information in regard to mines and mineral localities as opportunity might afford. The collections made embrace about ninety species, some of which were not previously represented in the museum, and others advantageously replacing inferior specimens. Since his return, he has been engaged in unpacking and sorting these specimens, also in numbering and assisting to arrange the museum collection. He has, throughout, been ably assisted by Mr. H. G. Brumell.

Mr. K. L. Broadbent has been unremittingly engaged in labelling the various specimens in this section of the museum. He has applied himself to the work with great assiduity and success, and, as a consequence, what may be regarded as most satisfactory progress has been made in this direction.

Presentations as follows have been made, to the Mineralogical section of the Museum during the year 1883:—

Messrs. Haldane & Sons, Aylmer, apatite.

Messrs. McIntyre & Co.—Native silver.

J. Robertson, Ottawa—Crystals of pyrite.

The Marquis of Lorne—Disseminated graphite, and agate pebbles.

J. G. Miller, Ottawa—Stalagmite and Stalactite from the island of Mona, West Indies.

Isaac Moore, Ottawa—Crystals of apatite and pyroxene.

Captain Deville, Ottawa—Selenite and clay iron stone.

W. F. Ferrier, Montreal—Willemite, tincite and franklinite.

H. K. Lea, Ottawa—Asbestos and titanite.

W. Sheppard, Aylmer—Stibnite, galena, auriferous quartz, 2 sp., specular iron, iron on mica.

T. C. Keefer, Ottawa—Sphalerite, argentite with native silver.

C. T. Moseley, Sydney, C.B.—Pyrolusite.

Fenwick & Selater, Montreal—Asbestos mill-board and asbestos packing.

C. Jennison, Beaver Brook, Colchester Co., N.S.—Gypsum.

C. & M. E Iron Co., Salmon River Lakes, Guysborough Co., N.S.—Micaceous iron ore.

G. Cameron, Roman Valley, Guysborough Co., N.S.—Micaceous iron ore.

Wylie & Hall, Carleton Place, O.—Magnetite.

#### LIBRARY.

During the year ending 31st December, 1883, the number of the publications of the Survey which have been distributed is 671; of these 636 were in English and 35 in French. 375 were sent to institutions and persons in Canada, the remainder, 296, to scientific and literary societies in the United States and other parts of the world. In return for these, 411 publications were received, including books, transactions, memoirs, periodicals, pamphlets and maps.

Forty scientific magazines and periodicals have been subscribed for, a list of which will be found in the Annual Report.

Forty-eight volumes have been added to the Library by purchase.

During the year 406 volumes have been bound.

#### VISITORS.

It is gratifying to report that the popularity of the Museum appears to be increasing. In 1882 there were 9,549 visitors. During the same period in 1883, viz., from the 1st January to the 31st December, there have been 11,993 names recorded in the register.

The want of more accommodation, referred to in my report for 1881 and 1882, I regret to say, still exists, and in a constantly augmenting degree, no steps having been taken to carry out the suggestions which were then made respecting it. An outlay of from \$10,000 to \$15,000 would probably suffice to make, in the present building, all the space which would be required for some years to come. Better light would be secured, and the external appearance of the building greatly improved.

#### STAFF, APPROPRIATION AND EXPENDITURE.

The strength of the Staff at present employed is 48, viz.: professional, 34; ordinary 14.



The following changes have occurred during the year. Mr. Broad resigned on the 9th May, and Mr. R. G. McConnell was promoted to the vacancy, Mr. J. B. Tyrrell filling Mr. McConnell's place. Mr. Arthur H. Foord, Artist and Assistant Palæontologist, resigned on the 20th August, after three months' leave of absence.

The following were appointed from the 1st of July :—

Mr. Henry M. Ami, 2nd Assistant Palæontologist, Mr. Rodolphe Fairibault, Surveyor and Explorer: and Mr. Henry P. Brumell, as Museum Assistant.

The appropriation for the fiscal year ended 30th June, 1883, was \$60,000, against which the whole expenditure for the Geological and Natural History Survey and for the maintenance of the Museum is charged, including salaries and wages of all employés.

The expenditure may be summarized under the divisions named, as follows:—

Pay-list, salaries and wages .....	\$32,682 86
Exploration and survey, including travelling charges, purchase of horses and equipment. ....	13,941 60
Printing and lithography.....	2,440 16
Purchase of specimens.....	2,888 21
Purchase of books and instruments.....	1,963 04
Chemical and laboratory apparatus .....	275 64
Stationery .....	455 72
Fuel.....	604 95
Incidental and other expenses, including Museum and office fittings, &c .....	2,585 29
	<u>\$57,837 48</u>

The correspondence of the Branch shows 2,031 letters sent, and 1,845 received.

I have the honour to be, Sir,  
Your obedient servant,

ALFRED R. C. SELWYN,  
*Director of the Geological and Natural History Survey.*

The Honourable  
The Minister of the Interior,  
Ottawa.

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PART IV.

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## GOVERNMENT OF THE NORTH-WEST TERRITORIES,

GOVERNMENT HOUSE, REGINA, N. W. T., January, 1884.

SIR,—I have the honor to enclose you herewith, pursuant to Section 90, Sub-Section 2, of the "North-West Territories Act, 1880," a return of the number of special permissions granted by me during the year 1883, for the importation of intoxicating liquors into the North-West Territories, showing the quantity and nature of the intoxicants in each case.

In connection with this, I may state that on account of the large increase in the number of applications and increase of labor and expense consequent thereto, I deemed it expedient, with the advice of my Council, to exact the payment of a fee of fifty cents per gallon for spirit and wine, to form part of the general revenue fund of the North-West Territories. This regulation came into force on the 20th September last, and from that date, to the 31st December following, five hundred and ninety-nine (599) permits have been granted, and a sum of seven hundred and sixty-three dollars and seventy-five cents (\$763.75) realized.

While I have continued to exercise the same care in granting permits as heretofore, I am glad to remark that the imposition of the tax had the effect of lessening the number of applications, for during the latter period of the year, instead of increasing in proportion to the rapid increase of population, they show about the same average, daily, as during the first period of the year. I may state that during the time I exacted a fee, two hundred and thirty-eight dollars and seventy-five cents were returned to parties who had applied for permits which I refused to grant.

Although it is not customary for the Lieutenant-Governor of the North-West Territories to make an annual report of his administration, I believe such a course will not be considered unimportant, as the duties are becoming somewhat onerous, and may be of interest to both the Government and the public. I therefore submit the following as a first step in this direction:—

### REMOVAL OF SEAT OF GOVERNMENT TO REGINA.

Since I am in office, the Government have deemed it necessary, for most important and obvious reasons, to remove the Territorial seat of Government from Battleford to a point on the main line of the Canadian Pacific Railway.

Regina was selected, as occupying a central position within the Provisional District of Assiniboia, and also on account of its being the natural centre of a vast and rich agricultural country.

This selection has met with some bitter criticism by a portion of the Canadian press; but it must have been gratifying to the Government to learn, through the medium of the same press, that the wisdom of the choice had received a unanimous endorsement at the hands of the members of the North-West Council at their last Session in August. It will also afford pleasure to notice that a considerable town has, during the short period of one year, sprung into existence at Regina, and that a large number of settlers, attracted by the great agricultural wealth of the district, have taken up land around it. The record in the Land Office will be sufficient evidence of this. One strong objection raised against the selection of Regina was the supposed scarcity of water. In answer to this I may here state that over half a dozen wells have already been sunk, and an abundant supply of pure water found. I am informed that when water was struck at one of these wells, the man working at the bottom had considerable difficulty in saving himself, the water rushing up with such force. Within a few hours it rose to 40 feet and now stands at 50 feet. Mr. Scarth, according to his promise as trustee of the town site, has caused considerable work to be done in grading some of the principal streets and by the construction of a dam across the Wascana River, one mile south of the town. This dam has been calculated to secure a reservoir covering an area of 160 acres, with an average depth of 5 feet of water, which, of itself, will more than suffice for all ordinary purposes of the people resident in the town and vicinity for many years to come.

## PUBLIC BUILDINGS AT REGINA.

In connection with this place the Departments of Public Works and of the Interior have displayed great energy in the construction of Public Buildings authorized at the last Session of Parliament. Additions have been made to Government House, which have rendered it habitable, and the Council Chamber, with two offices attached, has been erected; as, also, good and substantial offices for headquarters of Indian Department in the Territories.

Under the supervision of the Comptroller of North-West Mounted Police, ample and comfortable accommodations have been provided for this Force as their headquarters in the Territories. Wells have been sunk at the barracks and Council Chamber (the latter being also for the use of Indian Offices) and a good supply of water in both places obtained, at an average depth of 70 feet. Government House is also supplied with good water by means of an artesian well at a depth of 100 feet.

The Registry Office is also completed. It is a small building, with fine fire-proof vault attached.

The plans are now being prepared for Court House, Jail and Lunatic Asylum. This will complete all the public buildings required at this place for some time.

I am in hopes that the two last mentioned buildings will be built of brick, as brick yards are to be started early next year at Regina, and already some very good bricks are being manufactured at Indian Head.

The Council Chamber, Government House, Land Office, Post Office, Indian Office and Registry Office are built of wood, and will answer the purpose very well until building material becomes much cheaper than it is at present.

The Government House and Council Chamber at Battleford are used by the Indian Department for the purpose of an Industrial School for Indian children.

## ERECTION OF ELECTORAL DISTRICTS.

Pending the completion of the Council Chamber, and impressed with a desire of giving as full a popular representation in the then approaching session of Council as the circumstances of the country would justify, no time was lost in procuring the necessary evidence, showing what portion of the Territories, under the Act, were entitled to representation. As a result, five districts, of 1,000 square miles each, were found to contain the requisite number of population and set apart into as many electoral districts, under the names respectively of Edmonton, Broadview, Qu'Appelle, Regina and Moose Jaw. These, with the electoral district of Lorne, comprising the settlements of Prince Albert, Duck Lake, St. Laurent and Carlton, erected by my predecessor on the 13th November, 1880, make altogether six electoral districts in the Territories.

As a residence of twelve months preceding the issue of a writ is necessary for the qualification of the electors, the elections on the line of railway were postponed to a late date, in order to allow as great a number of persons to become qualified as possible, every day's delay adding a few more, as the bulk of the settlers within these districts had settled late in the summer of 1882.

## SESSION OF COUNCIL.

The Council convened for the 20th August, did not finally open until the 22nd, on which day were present Lieut.-Col. Richardson, Lieut.-Col. McLeod, Stipendiary Magistrates, ex-officio members of Council, Pascal Bréland, Esq., appointed member, and the following new members were sworn in and took their seats, namely:—Lieut.-Col. A. G. Irvine and Hayter Reed, Esq., both nominated members; Captain D. H. Macdowall, of Prince Albert; Francis Oliver, Esq., of Edmonton; Claude C. Hamilton, Esq., of Broadview; Thomas W. Jackson, Esq., of Fort Qu'Appelle; William White, Esq., of Regina; and James H. Rose, Esq., of Moose Jaw, all elected members. The Council was therefore composed of the Lieutenant-Governor, two Stipendiary Magistrates, three nominated members and six elected members.

Several important measures were discussed, and on the 4th October last, when the Session was closed, twenty-one Ordinances were past, intituled, respectively:—

- |         |   |
|---------|---|
| No. 1.  | An Ordinance respecting Infectious and Contagious Diseases of Domestic Animals.   |
| No. 2.  | “ respecting Municipalities.  |
| No. 3.  | “ to amend the Administration of Civil Justice Ordinances, 1878 and 1879.   |
| No. 4.  | “ respecting Partnerships.  |
| No. 5.  | “ for the Relief of Indigent Children.  |
| No. 6.  | “ to prevent the Profanation of the Lord's Day.   |
| No. 7.  | “ authorizing the Appointment of Notaries Public.   |
| No. 8.  | “ for the Protection of Game.   |
| No. 9.  | “ to regulate the Disposal of Found or Stolen Horses.   |
| No. 10. | “ respecting the Herding of Animals.  |
| No. 11. | “ to enforce the Destruction of the Canada Thistle and other Noxious Weeds.   |
| No. 12. | “ respecting Auctioneers, Hawkers and Pedlars.  |
| No. 13. | “ to provide and regulate Returns by Justices of the Peace.   |
| No. 14. | “ respecting the Construction of Chimneys.  |
| No. 15. | “ to amend the Ordinance No. 6, of 1879, respecting the Licensing of Billiard and other Tables, and for the Prevention of Gambling. |
| No. 16. | “ to further amend “The Registration of Titles Ordinance, 1879.”  |
| No. 17. | “ to amend Ordinance No. 8, of 1878, respecting the Marking of Stock.   |
| No. 18. | “ to amend Ordinance No. 1, of 1881, respecting Short Forms of Indentures.  |
| No. 19. | “ to amend an Ordinance for the Protection of Sheep, No. 11, of 1881.   |
| No. 20. | “ to amend an Ordinance for the Prevention of Prairie and Forest Fires, No. 4, of 1879.   |
| No. 21. | “ to repeal Ordinance No. 10, of 1881, and to amend Ordinance respecting Fences, No. 10, of 1878.                                   |

I append hereto an abstract showing the legislation of the Council since the organization of the North-West Territories.

#### JUSTICES OF THE PEACE.

I also attach a list of Justices of the Peace, and other Territorial officers, appointed from time to time by my predecessor and myself, since the organization of the Territories, up to the 31st December, 1883, and now in office.

#### SCHOOLS.

Under the authority of the Order in Council in that behalf, I am now paying out of the appropriation for the North-West Government, half the teachers' salaries for ten Protestant and nine Roman Catholic schools, and am continually receiving applications for others.

The country is settling up so fast that I anticipate having calls made on me in another year far beyond the amount I have had heretofore at my disposal. I am in hopes, however, that another year will see the passing of a School Ordinance that will be acceptable both to the Government and the people.

#### CROW'S NEST PASS TRAIL.

In the spring, I was authorized to arrange for the improvement of the road which is known as the “Crow's Nest Pass Trail.” Having in the employ of the Indian

Department, Mr. McCord, a man who I was aware had great experience in making mountain trails, he having been employed in the mountains by the Boundary Commission under Col. Hawkins, and subsequently on the Canadian Pacific Railway Surveys in British Columbia, I suggested that I might be authorized to use his services for that purpose. This was done, and he, with some Indians and a few white men, cut the trail out, improved the bad places, built bridges, and did some little work west of the mountains, to connect with the part already constructed by the British Columbia Government. After its completion, several bands of horses were driven over it, and I was assured that the trail was a capital one to serve the purpose for which it was built. But as the season advanced, and after several bands of wild horses had been driven over it, reports of a different kind appeared in the western papers.

I have no doubt that the trail was much cut up towards fall, and that a quantity of fallen timber was on the track, but this is inevitable in a country similar to that through which the trail passes.

It is impossible to drain a narrow trail, and in a wooded district, where fires have run, the crowding of wild horses always brings a certain amount of timber on to the road.

I think that in the spring, before travelling begins, a few hundred dollars might be spent to advantage in again clearing the road, and as a portion of the amount I was authorized to spend is still on hand, I would recommend that this be done. Had the whole of the money been expended this summer, there would have been the same appeal for opening out the road in the spring as I now see in the papers.

The application made to the Government by parties interested in this road, was to have it cut out so that animals could be driven through from British Columbia. This was done, and Mr. McCord, in whose knowledge of what was required I have implicit faith, has reported to me that it was a good road of the kind and all that was needed.

#### ROADS AND BRIDGES.

I received from the elected Members of Council a memorandum showing the requirements of their respective districts, for the improvements of Roads and construction of Bridges. Although the sums asked for were in excess of the amount at my disposal for such purposes, I was enabled to grant each district six hundred dollars out of the North-West Government appropriation and two hundred and fifty dollars out of "The General Revenue Fund of the North-West Territories," making a total sum of eight hundred and fifty dollars to be expended in each district, wherever it may be most needed and likely to benefit the public at large. In no case, however, has any grant been asked for by the Members on behalf of their constituents, without an assurance being made that an equal amount in money or labor would be raised by the settlers immediately benefited. To insure a proper expenditure on this head, work will be done in each case by a committee of three competent persons, under the supervision of the Member of the district, and the Government grant will only be paid on the receipt of a certificate of such committee, countersigned by the Member, that the work is complete and substantial. In this manner Bridges are proposed to be erected across the following streams:

*Weed Creek*, south of Broadview.

*Pipestone*, south of Moosomin and Whitewood.

*Pheasant Creek*, north of Qu'Appelle.

*Wascana River*, at two different points near Regina.

*Boggy Creek*, at also two different points north of Regina.

*Moose Jaw Creek*, in the vicinity of the town of that name.

*Red Deer Creek*, in the settlement of Prince Albert.

*Eagle Creek*, on the Battleford trail from Swift Current.

*Sturgeon River*, in St. Albert Settlement.

*Black Sand Creek* and *Wolf Creek*, south of Edmonton.

Likewise, repairs are proposed to be made to the existing Bridges and their approaches on the Qu'Appelle River at Racette's Crossing, Fort Qu'Appelle and the crossing of the river on the leading trail to Long Lake from Regina, and also to six Bridges within the settlement of Prince Albert.

It is also proposed to improve the road from Calgary to Edmonton (which is fast becoming a very important highway), the Battleford Trail, the Buffalo Lake Trail to Moose Jaw, and the main highway south of Moose Jaw.

All the foregoing improvements and Bridges are on public thoroughfares, and of actual necessity.

In addition to the above, applications have been made to me towards the construction of Bridges on Belly River, High River, Sheep Creek and Elbow River, all in the McLeod District, but with the exception of Fish Creek, the bridging of these streams would be very expensive, and the present appropriation for such purposes is too limited to permit of the work being authorized. The question will rest with the Government to determine whether these Bridges, though of pressing necessity, can be constructed at the present time.

### COLONIZATION COMPANIES.

The Colonization Companies are intimately connected with the rapid progress of the Territory, but I may observe here that their establishment has been closely watched by our population, in some cases with even considerable uneasiness. The old settlers mistrusted that that their claims as squatters might be endangered should their holdings happen to be included in any Colonization Grant, and the incoming settlers feared lest they should be restricted in their choice of homesteads. Gradually, however, were these misgivings dissipated, as the order regulating the establishment of these companies became to be understood. The immigrant soon perceived that his freedom of choice in the location of his homestead was in no wise curtailed by these grants, while *bond fide* claims of squatters were found to be fully respected. This created a sense of relief, and the mass of our population has ceased to look with mistrust upon the establishment of Colonization Companies. In one or two cases only, where old settlements happened to be included, has any complaint been heard, but there again a liberal management on the part of the companies, and a firm determination at headquarters to enforce the conditions of the grants, will even there dissipate further feeling of dissatisfaction.

In other respects, the good resulting from the establishment of the Colonization Companies, is certainly great and undoubted. Their circulars have been profusely distributed, and their numerous agents have brought prominently before the public, the wealth and resources of the country. The facts made known by them, and the advantages offered in some cases, have induced settlers to venture into heretofore unknown parts of the Territories, remote from railway communications and leading highways. Nuclei of future and promising towns have, last summer, been started within these colonies, where settlers can always depend for their various supplies. The many advantages resulting from such centres will naturally attract the incoming settlers; settlements will radiate from these centres, with every chance of a rapid extension, and thus will the country reap the benefit of the work of these companies.

### INDIANS.

The wise policy pursued by the Canadian Government in their treatment of the Indians is now bearing fruit. The large number who have lived on the plains and hunted the buffalo, as long as there was a chance of securing any, have at last been induced to go to their respective Reserves; and I am in hopes that next spring will see them all settled. They are quiet and law-abiding, as a whole, and no fear need be apprehended at their hands so long as the Government continue to act justly toward them. With few exceptions, they understand that they cannot procure a living other-



wise than by following the pursuits of agriculture, and many of them have already made earnest efforts, with remarkable success, as tillers of the soil.

My report on Indian affairs in the North-West Territories, deals with this question.

#### MINING.

Since the railway has entered the mountains, where mineral deposits of more or less value exist, the usual exciting reports of wonderful discoveries have been circulated. The prospects are sufficiently encouraging to warrant further prospecting, and I anticipate quite a rush to the mines in the spring. As is always the case, there will be many disappointments; but those failing will have the advantage of the railway work to fall back upon. Were it not for this, I should strongly urge upon the Government the necessity of procuring reliable information as to the value of the new discoveries.

As I understand the Government has been preparing Mining Laws suitable to the necessity of the country, I will make no remarks on it except to recommend the advisability of establishing a Gold Commissioner's Office, where records could be made, and disputes, which are bound to arise, settled on the spot. The Gold Commissioner could be vested with the powers of a Stipendiary Magistrate.

There is little occasion for me to say anything in regard to the vast coal fields which are now being developed in different portions of the Territories.

The District of Alberta is one huge coal bed, and every settler in that district will have good coal almost at his own door, and it only remains for the companies who are taking out coal, to work their mines with the latest improved machinery, and on an extensive scale, to insure to the whole of the Territories a good coal at very reasonable rates.

#### LIEUTENANT-GOVERNOR'S OFFICE.

The work in this office has, of late, been steadily on the increase, and in order to keep up with it, I have found it necessary to engage the services of an Assistant Clerk, who is paid partly out of North-West Government appropriation and partly out of our local funds. My present staff for North-West Government work consists of the Clerk of the Council and the Assistant just mentioned. Although both efficient and willing officers, I fear that a third clerk will have to be added before long.

The marvellous rapidity which has marked the construction of the Canadian Pacific Railway, has caused the Territories to make wonderful progress during the year just closed. The addition to the population has been large, and mostly of settlers eager to develop the agricultural resources of the country. The bulk of the settlement has been naturally near the railway, and numerous towns have sprung up all along the line, from the eastern boundaries of the Territories to the Rocky Mountains. As being the most important amongst these, I may mention Broadview, Indian Head, Regina, Moose Jaw, Medicine Hat and Calgary. Much of the available land along the line has been settled, but large tracts still remain open.

Though not possessed of statistics respecting the country's crop, I may state, from information I have received, they were, on the whole, very successful, although the country experienced an unusually dry summer and early frost. A portion of the crop suffered on account of late sowing, and so long as new settlers will be coming in, the country must expect to hear reports of frozen grain going about, for in their eagerness to have a large crop the first year, they will risk late sowing.

The experience, however, gained this year on the Bell farm, at Indian Head, is evidence of the capabilities of the soil when properly worked, and seed put in at the proper time.

The older settlements of Prince Albert, St. Laurent, Battleford, Edmonton and St. Albert, all on the Saskatchewan River, and over 200 miles north of this point, have harvested a much greater proportion of their grain this year than in any prece-

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ding one, although a severe frost was felt all over the country at the end of August. The success of these settlements, therefore, can only be accounted for by improved cultivation and early sowing. This cannot be too much impressed on the minds of new arrivals, in order to save them from disappointment.

In conclusion, I may state that there is a general contentment throughout the Territories, and great confidence in the future. My experience of five years in the Territories, convinces me that there can be no better country for settlers, with even a slight knowledge of farming and a small capital, or where a comfortable home can be secured at so small a cost, and in so short a time.

I have the honour to be, Sir,

Your obedient servant,

E. DEWDNEY,

*Lieutenant-Governor, North-West Territories.*

To the Hon. the Minister of the Interior.

RETURN of Special Permissions for the Importation of Intoxicating Liquors into the North-West Territories, during the Year 1883, as required by 43 Vic., Chap. 25, Section 90, sub-Section 2.

Permit.	Quantity in Gallons of each Intoxicant in each Permit.											Total Quantities.							Remarks.		
	Whisky.	Brandy.	Beer.	Wine.	Gin.	Rum.	Alcohol.	Spirits of Nitre.	Porter.	Genuine Wine.	Whisky.	Brandy.	Beer.	Wine.	Gin.	Rum.	Alcohol.	Spirits of Nitre.		Genuine Wine.	Porter.
793	2										1,586										
398	2	2									8	96									
3	2	2	2	5							10	10									
2	2	2	5								4	4									
2	2	2	7								4	2									
2	1	2	1								5	2									
2	1	2	6								5	5									
42	5	4	1								168	90									
1		4	90								5	10									
5		2	2									16									
4		4	4									8									
4		2	4									160									
96		3	4									8									
8		1	2									2									
1		1	2									2									
2		4	2									4									
2		4	2									10									
10	1	1	2								10	8									
17		3										51									
8		4	4									32									
5		5	8									6									
1		2	2									2									
1		2	9									2									
3		2	3									5									
1		2	2									2									
3	2	2	2									6									
3		2	10									30									
1		2	2									6									
1		5	10									5									
2		10	2									20									
2		2	2									70									
35	3	1	2									5									
6	1	2	10									2									
1		1	2									1									
7		1										7									
78	5											390									
16	1											16									







List of Justices of the Peace in and for the North-West Territories, appointed since the organization of the Territories, to 31st December, 1883 :—

NAMES.	ADDRESSES.
Richard Hardisty.....	Calgary.
Lawrence Clarke.....	Prince Albert.
Roderick McFarlane.....	Fort Gheppewayan.
Horace Belanger.....	Cumberland.
Alexander Matheson.....	The Pas.
Ewan McDonald.....	Ile à la Crosse.
Julian S. Camsell.....	Fort Simpson.
Archibald McDonald.....	Fort Qu'Appelle.
Isaac Cowie.....	Fort McMurray.
Adam McBeth.....	Fort Pelly.
Edward McGillivray.....	Victoria.
Jean Louis Legaré.....	Woody Mountain.
Patrice Breland.....	do
Thomas McKay.....	Prince Albert.
Dr. W. M. McKay.....	Dunvegan.
James McDougall.....	Edmonton.
John Macaulay.....	St. John.
Henry J. Moberly.....	Fort Vermillion.
Norbert Larance.....	St. Laurent.
William James Scott.....	Battleford.
Owen E. Hughes.....	Duck Lake.
Hillyard Mitchell.....	do
William Trail.....	Lesser Slave Lake.
John Clemens.....	The Pas.
Charles Mair.....	Prince Albert.
Capt. Chas. Young.....	do
W. R. Brereton.....	Jasper House.
Angus McBeath.....	Touchwood Hills.
Insp. Thos. Dowling.....	Fort McLeod.
Bernard Brewster.....	South Branch.
Louis Smidt.....	St. Laurent.
James Jamieson Campbell.....	Prince Albert.
Charles Nolin.....	St. Laurent.
William Steed.....	Fort McLeod.
Major James Walker.....	Calgary.
Insp. John H. McIllree.....	Fort McLeod.
Insp. Sam B. Steele.....	Regina.
Insp. Alex. R. Macdonell.....	Medicine Hat.
Insp. W. D. Antrobus.....	Battleford.
Dixie Watson.....	Fort Qu'Appelle.
Wm. Johnson.....	Regina.
Wm. Anderson.....	Edmonton.
Lt.-Col. Alex. Sproat.....	Prince Albert.
Dr. George A. Kennedy.....	Calgary.
Edwin C. K. Davis.....	Moose Jaw.
William Syme Redpath.....	Big Cut Horn Creek.
Michell Pierce.....	Moose Mountain.
Henry Dodd.....	Broadview.
David Lynch Scott.....	Regina.
Arthur G. M. Spragge.....	do
Insp. A. H. Griesbach.....	Fort Saskatchewan.
Insp. Frank Norman.....	Fort McLeod.

John C. C. Hamilton .....	Broadview.
Harry Lejeune.....	Regina.
James Harvey.....	Indian Head.
William Rob. Bell.....	do
John Gillispie.....	Fort Qu'Appelle.
John E. Ross.....	Moose Jaw.
John Dickie.....	Broadview.
Theo. S. Stimson .....	Calgary.
George Anderson.....	Grenfell.
Joseph Daniel .....	Moosomin.
William Cust .....	Edmonton.
George L. Dodds.....	Wolseley.
Hugh Hassard.....	Moose Mountain.
Thomas Hislap .....	do
Harrison Young. ....	Lac la Biche.
John Wesley Connell.....	Delareine, Manitoba.
Insp. Francis J. Dickens.....	Fort Pitt.
Stephen H. Caswell.....	Troy.
John A. B. Milton.....	Dunvegan.
James Kidd Oswald.....	Calgary.
Samuel McDonald.....	Indian Head.
Rufus Stephenson .....	Winnipeg.
Chas. T. Lewis.....	Pense.
Thomas Gamble Lyons. ....	Whitewood.
C. C. Rogers' .....	Crescent City.
Oliver T. Stone.....	Sussex.
James Hamilton. ....	Saskatoon.
Joel Reaman .....	Yorkton.
Insp. R. B. Deane .....	Regina.
Charles S. Willis. ....	Wolf Creek.
William C. Bishop.....	Long Lake.
Peter McAree.....	do
Alfred Hutcheson.....	do
Thomas Tweed .....	Medicine Hat.
Insp. Percy R. Neale.....	Regina.

List of Notaries Public in and for the North-West Territories, appointed since the organization of the Territories, to 31st December 1883 :—

NAMES.	ADDRESSES.
Laurence Clarke .....	Prince Albert.
Hayter Reid .....	Regina.
A. E. Forget .....	do
Major L. N. F. Crozier.....	Fort McLeod.
Wm. Vallean Maclise.....	Prince Albert.
Stewart D. Mulkins .....	Edmonton.
W. R. Gunn.....	Prince Albert.
Dixie Watson.....	Fort Qu'Appelle.
Wm. Prescott Sharpe.....	Regina.
C. E. H. de Lagorgendiere.....	Fort Saskatchewan.
Arthur G. Molson Spragge .....	Regina.
Nicholas F. Davin.....	do
Henry Bleecker .....	Edmonton.
John G. Turriff .....	Moose Mountain District.
S. C. Elliott .....	Prince Albert.
William Laurie.....	Battleford.



W. B. Ross.....	Regina.
Inspector Thomas Dowling.....	Calgary.
William White .....	Regina
George A. Watson .....	Prince Albert.
Fitzgerald Cochrane.....	do
E. A. Baynes.....	Fort Calgary.
Salter Mountain Jarvis.....	Regina.
W. C. Hamilton.....	do
D. D. Campbell .....	Qu'Appelle.
E. H. Morphy .....	Winnipeg.
W. E. McLellan.....	Qu'Appelle.
D. L. Scott.....	Regina.
William Andrew Collins .....	-----
T. W. Jackson.....	Qu'Appelle.
T. C. Johnson .....	Regina.
Edwin C. K. Davis .....	Moose Jaw..
Wm. Syme Rodpath.....	Big Cut Horn Creek.
John G. Gordon .....	Regina.
Hugh J. Macdonald .....	Winnipeg.
J. H. M. Aikins.....	do
F. W. Latty .....	Regina.
John H. Cother .....	do
John Secord.....	do
James Henry Benson.....	do
Henry Joseph Dexter .....	Winnipeg.
J. Stewart Tupper.....	do
Augustine Foy.....	Regina.
Joseph Benjamin McArthur .....	Winnipeg.
William Jackson.....	Prince Albert.
J. W. McIlree.....	Calgary.
James Walker .....	do
Richard Hoskin.....	Regina.
Wm. Grayson .....	Moose Jaw.
Endo Saunders.....	Regina.
Edward H. D. Hall.....	Moose Jaw.
Thomas Routledge .....	Indian Head.
Thomas C. Atkinson.....	Medicine Hat.
James H. Loughhead....	do
Willoughby Clarke.....	Moose Jaw.
Thomas C. Down.....	Broadview.
John N. Muir.....	Calgary.
Alfred Duncan Perry.....	do
Charles C. McCaul... ..	Fort McLeod.
Charles W. Peterson.....	Calgary.
James Kidd Oswald .....	do
Leslie Gordon.....	Troy.
Samuel Macdonald .....	Indian Head.

List of Issuers of Marriage Licenses in and for the North-West Territories, appointed since the organization of the Territories, to 31st December, 1883.

NAMES.	ADDRESSES.
Amedée Emmanuel Forget.....	Regina.
Laurence Clarke .....	Prince Albert.
Joseph Finlayson .....	do.
Archibald McDonald.....	Fort Ellice.

Alexander Matheson.....	The Pas.
Rev. Jos. Redder.....	Touchwood Hills.
Adam McBeath.....	Fort Pelly.
Isaac Cowie.....	Fort McMurray.
Captain William Winder.....	Fort McLeod.
George Harpen.....	Battleford.
Rev. Henry Cochrane.....	The Pas.
Rt. Rev. John McLean.....	Prince Albert.
Major L. N. F. Crozier.....	Fort McLeod.
Rev. Benjamin McKenzie.....	Cumberland.
Thomas Dowling.....	Fort McLeod.
Rev. Gilbert Cook.....	Touchwood Hills.
Inspector Frank Norman.....	Fort Walsh.
Rev. William J. Hewitt.....	Regina.
Rev. D. Cook Sanderson.....	Edmonton.
Patrick Gammie Laurie.....	Battleford.
Thomas Routledge.....	Indian Head.
James Albert Keyes.....	Moose Jaw.
Joseph Daniel.....	Moosomin.
Leslie Gordon.....	Troy.
J. C. C. Hamilton.....	Broadview.
George L. Dodds.....	Wolseley.
George Anderson.....	Grenfell.
Samuel Crothers.....	Fort Qu'Appelle.
David Arthur Johnston.....	Regina.
Rev. John McDougall.....	Morleyville.
Rev. William Wenton.....	Edmonton.
Richard Hardisty.....	Calgary.
Rev. Henry Derintrawer.....	White Fish Lake.
William R. Brereton.....	Jasper House.
Rt. Rev. W. C. Bompas.....	Athabasca.
Roderick McFarlane.....	Fort Chipewyan.
Henry J. Moberly.....	Fort Vermillion.
James McDougall.....	Edmonton.
Rev. Wellington Bridgeman.....	Medicine Hat.
Frank R. J. Hall.....	Moose Jaw.
A. W. R. Markley.....	Prince Albert.
James Kidd Oswald.....	Calgary.
Samuel McDonald.....	Troy.

#### ABSTRACT SHOWING LEGISLATION IN THE NORTH-WEST TERRITORIES.

By an Order in Council of the 11th day of May, A. D., 1877, passed under the provisions of the then existing North-West Territories Act, power was conferred upon the Lieutenant Governor in Council to pass Ordinances for the Government of the North-West Territories.

Under the provisions of this Order in Council, Ordinances have been passed as follows:—

#### 1878.

In the Session begun and holden at Battleford, on the 10th day of July, and closed on the 2nd day of August, 1878, the following Ordinances were passed:—

No. 1. An Ordinance respecting Revenue and Expenditure—

Provides for the creation of a General Revenue Fund to be appropriated by the Lieutenant Governor in Council, for purposes of public utility.

No. 2. An Ordinance respecting the administration of Civil Justice. As amended in 1879 and in 1883 :—

This Ordinance, as amended, provides for the formation of four Judicial Districts, as follows :—

First Judicial District—All the Provisional District of Assiniboia, east of the 4th Meridian.

Second Judicial District—All the Provisional District of Assiniboia, west of the 4th Meridian, and all that part of the Provisional District of Alberta, south of the North Boundary of Assiniboia, produced westerly to Red Deer River, and thence up stream to its source, and from thence west to British Columbia.

Third Judicial District—That portion of Alberta, north of Second Judicial District, and all of the Provisional District of Saskatchewan, lying west of the 4th Principal Meridian, including all of Territories lying north and west of same, west of said Meridian.

Fourth Judicial District—All remaining portion of Saskatchewan and Territories north of same.

The Lieutenant Governor may divide these Judicial Districts into Divisions, by proclamation.

This part of the Ordinance comes into force on the 1st day of January, 1884.

Court shall be held in each District, at least twice a year.

*Jurisdiction*—Courts shall have jurisdiction in all matters of Civil Law, and Equity, &c., possessed by the Law, Equity and Surrogate Courts of Ontario.

*Clerks*—Provision is made for the appointment of a Clerk for each District, and for his taking oaths of allegiance and office, and giving security in \$500. His duties are prescribed.

*Procedure*.—The Plaintiff, on filing a plain statement of his cause of action obtains a summons, which must be served personally in cases exceeding \$50 (*exceptis excipiendis*), calling upon the Defendant to appear on a fixed date to answer the complaint or cause of action, particulars of which are annexed to the summons. Upon so appearing, either in person or by agent, the Defendant is called upon to state the nature of his defence, when issue is joined, and unless some cause for delay is shown, the case is tried and determined. If the Defendant does not appear, the Plaintiff proceeds to prove his claim and obtains judgment.

*Juries and Appeals*.—Section 84, *et seq.* of 43 Vict., cap. 25, provides for Juries in certain cases and for appeals, and this Ordinance prescribes details of the method of obtaining appeals.

*Execution*.—Execution can issue thirty days after judgment, unless sooner ordered, and the sale of goods and chattels must be advertised for at least ten days after the seizure. Execution on land cannot be had for less than \$50, and then only on a return of *nulla bona*, and no sale until six months from date of execution.

*Evidence, &c.*—The laws of evidence and the principles which governed the administration of justice in Ontario, in 1878, shall obtain in the Courts.

*Absconding Debtors*.—An affidavit, similar to Ontario procedure, attachment before judgment, can be obtained of the debtor's personal property and provision is made where several warrants of attachment issue against the same person, for the distribution *pro rata* of the proceeds of property seized amongst creditors.

*Interpleader*—*Replevin*. *Surrogate*—*Guardianship*.

Provisions are made for these subjects, based on the laws of Ontario. Letters of Administration, however, may be granted to any suitable person by the Stipendiary Magistrate, if no application is made to prove a Will or grant Letters within 20 days.

*Costs.*—The losing party is charged with the costs (unless the Stipendiary Magistrate otherwise orders) viz:—Clerk's fees, witnesses fees, and where the successful party has employed a Counsel or Attorney or Agent, the Stipendiary Magistrate may add a Counsel's fee of from \$5 to \$100.

- No. 5. An Ordinance respecting Limitation of Actions in certain cases—  
Provides for prescription of six years in certain classes of actions, barring any time expired before passing of the Ordinance.
- No. 6. An Ordinance respecting Fees in summary trials —  
Prescribing fees to be charged by Justices of the Peace, constables and witnesses in cases of summary convictions.
- No. 7. An Ordinance for the appointment of Constables—  
Gives power to Justices of the Peace to appoint constables and presenting oath to be taken by such constables. Each appointment lapses on the 31st December next following its date.
- No. 8. An Ordinance authorizing the appointment of Notaries Public.  
Repealed in 1883 by Ordinance No. 7. *q. v.*
- No. 9. An Ordinance respecting marriages. Repealed in 1883 by Ordinance No. 7. *q. v.*  
Gave power to ministers and clergymen duly ordained and to Justices of the Peace to marry persons. No marriage to be solemnized, unless by license of the Lieutenant-Governor, until publication of banns at least once, except where distance from issuer of marriage licenses precludes them being obtained, &c., when minister shall satisfy himself that no impediment exists. License obtained as in Ontario. Registers to be kept of marriages solemnized, and fyled.
- No. 10. An Ordinance respecting fences as amended in 1883.  
Provides that a fence 4 feet 6 inches high, either of not less than three rails, the lowest not less than 20 inches from ground, or a fence with a substantial top rail, and of not less than two barbed wires, the lower one not more than 20 inches from the ground, or any river bank or other natural boundary sufficient to keep animals out of enclosed land, shall be a lawful fence. Provision is made for the expense of fences separating adjoining lands, being borne by neighbors. The owners of animals trespassing on lands enclosed by a lawful fence are liable for the damage caused thereby.
- No. 11.—An ordinance to incorporate the Roman Catholic Bishop of St. Albert.  
A corporation sole is made of the Very Rev. Vital Grandin, Roman Catholic Bishop of St. Albert, and his successors, named, "La Corporation Episcopale Catholique de St. Albert." The corporation may acquire, by gift or purchase, for charitable, ecclesiastical and educational purposes, lands, &c., to the extent of 6,000 acres, and may sell, lease and transfer the same.
- No. 12.—An ordinance respecting the Marking of Stock. Amended in 1883. *q. v.*  
Power is given to the Lieutenant-Governor to proclaim Stock Districts, and Recorders of Marks are appointed. Within such districts only the Ordinance applies. Any person can acquire the right to a particular mark, and any other person thereafter using such mark shall be liable to \$50 fine, or, in default, imprisonment not exceeding forty days, for each offence. When stock so marked is sold, the vendor must "vent" his mark by inserting the original mark either close to or upon the original mark.
- No. 13. An Ordinance respecting Stallions—  
Prohibits stallions of one year old or upwards running at large within ten miles of a settlement, and gives power to any person to confine the same and collect from owner certain fees before surrendering same; or, if no owner is found within three months, to sell same and pay proceeds, less captor's fees, to the Lieutenant-Governor.

**No. 14. An Ordinance respecting Poisons.**

Prohibiting the setting of strychnine or other poisons to destroy animals, except when license is granted therefor upon the causes mentioned therein. Penalty \$100, or imprisonment not exceeding three months.

**1879.**

In the Session begun and holden at Battleford on the 28th day of August, and closed on the 27th day of September, 1879, Ordinances were passed as follows:—

**No. 1. An Ordinance respecting Infectious Diseases—**

Gives power to the Lieutenant-Governor to proclaim any part of the North-West Territories which is infected with any contagious, infectious or epidemic disease, and proscribe outside intercourse therewith; to proscribe ingress and egress; to proclaim Health Districts and appoint a Board of Health, with certain powers, &c.

**No. 2. An Ordinance respecting Dangerous Lunatics—**

Giving power to Justices of the Peace, on information laid, to arrest any person that is, or is suspected to be insane and dangerous, and has exhibited a purpose of committing a criminal offence. Such Justices shall, thereafter, on evidence being adduced to establish that the prisoner is a dangerous lunatic, commit him to gaol until the pleasure of the Lieutenant-Governor is known.

**No 3. An Ordinance respecting Ferries.**

Giving power to the Lieutenant-Governor to issue licenses to any person or persons, for periods not exceeding three years, granting exclusive right to ferry over rivers, upon such terms and conditions as he may see fit, establishing rates of toll, &c.

**No. 4. An Ordinance for the Prevention of Prairie and Forest Fires, as amended in 1883—**

Prohibiting any person from wantonly or carelessly setting fire to any timber, woodland or grass, or kindling a fire in the open air, except for camp or other domestic purposes, (when they must take effectual means for preventing same from spreading), or to protect buildings, &c., from running fires, under penalty of \$100, or imprisonment not exceeding three months. Provision is made that nothing in the Ordinance contained shall bar actions for damages.

**No. 5. An Ordinance respecting Masters and Servants.**

This is based on the Manitoba law on the subject.

**No. 6. An Ordinance respecting the Licensing of Billiard and other Tables, and for the prevention of Gambling, as amended in 1883—**

Requiring keepers of public billiard, pool or other tables and bowling alleys to take out a yearly license therefor.

Prohibiting any description of gambling in the North-West Territories, under penalty of \$100 fine; or, in default, imprisonment not exceeding three months. Power is given to any Police Officer to enter any suspected place, to seize tables, moneys, &c., used in contravention of the Ordinance, which shall be forfeited, the tables, &c., destroyed, and the money applied toward the Revenue of the North-West Territories.

**No. 9. An Ordinance to amend the Administration of Civil Justice Ordinance, 1878:—**

The contents of this Ordinance have been before noted. See Ordinance No. 4, of 1878. (Page 2 *et seq.*)

**No. 8. An Ordinance exempting certain Property from Seizure and Sale under Executions.**

One cow, two oxen, or one [horse, two pigs, certain personal property, and certain food, is exempt from seizure.

- No. 9. An Ordinance respecting the Registration of Deeds and other Instruments relating to lands in the North-West Territories. Amended in 1881 and 1883.  
This Ordinance follows the general provisions of the Ontario and Manitoba Acts on the subject.
- No. 10. An Ordinance respecting the Ordinances of the North-West Territories. This is an interpretation Ordinance, likewise based on Ontario Law.

## 1881.

In the Session begun and holden at Battleford, on the the 26th day of May, and closed on the 11th day of June, 1881, Ordinances were passed as follows:—

- No. 1. An Ordinance respecting Short Forms of Indentures, as amended in 1883:—  
Provisions are made for short forms of Deeds of Conveyance, Deeds of Mortgage and Deeds of Lease, similar to the Ontario and Manitoba laws on the subject.
- No. 2. An Ordinance respecting Security to be given by Public Officers—  
By which public officers required to give security for the performance of their duties may give the bond or policy of Guarantee Companies. The liabilities of such sureties is limited to causes of action which have arisen within six years of the commencement of suit.
- No. 3. An Ordinance to amend and extend the Registration of Titles Ordinance:—  
The contents of this Ordinance are noted in comments on Ordinance No. 9, of 1879 (page 16).
- No. 4. An Ordinance respecting the Office of Sheriff:—  
The Sheriff is required, when called upon so to do by the Lieutenant-Governor, to give security. Such sureties to be liable to parties to legal proceedings for omissions, defaults or misconduct. The Bonds void as to sureties 18 months after death. Removal or resignation of Sheriff if no misbehaviour appears to have been committed. Sheriffs are prohibited from purchasing at sales. Provision is made for books to be kept by Sheriff.
- No. 5. An Ordinance respecting Mortgages and Sales of Personal Property:—  
The law on this subject is based on the Ontario law, but the time for registration is 15 days instead of 5 days.
- No. 6. An Ordinance respecting Trespassing and Stray Animals:—  
Gives power to the Lieutenant-Governor to proclaim Pound Districts and appoint Pound Keepers.  
Empowers owners or occupiers of lands surrounded by a lawful fence, to capture and deliver to Pound Keeper any trespasser thereon, and makes owner liable for damages committed by it.  
Prescribes duties of Pound Keepers, their fees, &c.
- No. 7. An Ordinance respecting Marriages:—  
Enables ministers and clergymen of every church, and persons appointed by Lieutenant-Governor as commissioners, to solemnize marriages. No Commissioner can solemnize marriages until license is produced, and no clergyman unless license is produced or banns have been published, or he has satisfied himself that no impediment exists. In order to obtain a license, an affidavit must be made by one of the parties that no affinity, consanguinity or other legal impediment exists; that, in the case of minors, the necessary consent has been obtained from parents or guardians, &c. All marriages must be performed in the presence of two credible witnesses, at least, besides parties officiating. Marriage Registrars are appointed, i. e., Registrars of Deeds and such other persons as the Lieutenant-Governor may appoint.
- No. 8. An Ordinance to incorporate the Bishop of the Church of England, Diocese of Saskatchewan:—

- A corporation sole is created of the Right Reverend John McLean, Bishop of the Church of England, in the Diocese of Saskatchewan, and his successors, with power to acquire, for charitable, ecclesiastical and educational purposes, moveable and immovable property, &c., the land not to exceed 6,000 acres, and to sell, lease and transfer the same.
- No. 9. An Ordinance respecting the Sale of Medicines and Drugs—  
Empowers Lieutenant-Governor to set apart, by proclamations, districts within which medicines shall not be sold by persons not holding degrees in medicine or a license from the Lieutenant-Governor. Patent medicines are excluded from the provisions hereof.
- No. 10. An Ordinance to amend an Ordinance respecting Fences—  
Repealed by Ordinance No. 21 of 1883.
- No. 11. An Ordinance for the Protection of Sheep, as amended in 1883—  
Making it lawful for any person to kill any dog in the act of pursuing, worrying or destroying sheep, lambs, calves or colts elsewhere than on the enclosed land of the owner of the dog. On complaint, a Justice of the Peace may summon before him the owner of such a dog, and, on the evidence of one credible witness, order the destruction of the dog or \$20 fine. Conviction no bar to civil action. Proof of previous knowledge of dog's propensity not necessary.
- No. 12. An Ordinance respecting Driving off Horses and Cattle:—  
Persons using or driving off horses of others made liable to \$100 fine or three months' imprisonment as a maximum. Conviction no bar to civil action.
- No. 13. An Ordinance respecting Bulls:—  
In Districts proclaimed by Lieutenant-Governor, bulls one year old and upwards are prohibited from running at large between 1st February and 1st June. Such bulls may be captured and confined. Ordinance does not apply to Pound Districts.

### 1883.

Under Section 9, of the North-West Territories Act, 1880, and an Order in Council of the 26th day of June, 1883, Ordinances as follows, were passed:—

- No. 1. An Ordinance respecting Infectious and Contagious Diseases of Domestic Animals—  
Prohibits the running at large of such animals, which must be kept in some secure enclosure, or herded at least six miles from any farm or from any stock running at large. Maximum penalty for violation thereof, \$100.  
Provision is made for dealing with such cases by a Justice of the Peace, and examination of suspected animals and their destruction in certain cases.
- No. 2. An Ordinance respecting Municipalities.  
This Ordinance is based on the Ontario Municipal law.  
Provision is made for the erection of municipalities by proclamation of the Lieutenant-Governor, on a petition of two-thirds of the residents within the limits of proposed municipality qualified to vote for members of the North-West Council, such municipalities to consist of not less than four townships; also for the erection of towns, with an area of not less than 320 acres nor more than 2,560 acres, with a resident population of not less than 300.  
The Council of any Municipality may pass by-laws for:
1. The raising of revenue, by assessment, on real and personal property and for collecting the same.
  2. The expenditure of the revenue.
  3. Construction and maintenance of roads, bridges, &c.
  4. Prevention of cruelty to animals.

5. Abatement of nuisances.
  6. Regarding abuses prejudicial to agriculture.
  7. Relief of the poor.
  8. Drains and watercourses.
  9. Drainage and ditches.
  10. Public health.
  11. Appointment of public officers to enforce provisions of this Ordinance.
  12. The maintenance of the same.
  13. Pounds.
  14. Erection of municipal buildings.
  15. Encouragement of tree planting.
  16. Taking census.
  17. Enforcing by laws by fine or imprisonment.
  18. The sale of land or personal property for unpaid taxes.
  19. Regulating meetings of Council and conduct of its members.
  20. Duties of its officers, salaries and securities.
  21. Public morals.
  22. Establishing and regulating public markets and imposing penalties for light weights, &c.
  23. Granting bonuses to works of a public nature, subject to ratification of the people.
  24. Exemption from taxation for current year.
  25. Exemption from taxation for more than a year, subject to ratification by the people.
  26. Granting aid to agricultural societies.
- Town councils, in addition to powers conferred on Municipalities, may pass by-laws respecting:—
- 1 to 6. Fires, fire engines, fire limits, &c.
  7. Parks and cemeteries.
  8. Sewers, ditches and watercourses.
  9. Sidewalks.
  10. Blocking up streets.
  11. Rate of driving.
  12. Scavenging.
  13. Nuisances.
  14. Licensing of porters, hackmen, guides, &c.
  15. Markets.
  16. Licensing circuses, theatres, caravans, &c.
  17. Board of Health.
  18. Licensing hotels, &c.
  19. Water works.
  20. Street lighting.
  21. Appointment of policemen, &c.
  22. Public wells and reservoirs.
  23. Generally, the government and good order of the town, the suppression of vice, the protection of property, the benefit of trade and commerce and promotion of health, not inconsistent with the Ordinances of the North-West Territories.
- Exemptions.*—All land or personal property in the Territories shall be liable to taxation subject to the following exemptions:—
1. Crown property.
  2. Indian property.
  3. If either of such descriptions of property is occupied by any person otherwise than in an official capacity, such occupant shall be assessed in respect thereof.
  4. Property actually used for educational purposes.
  5. Municipal property.



6. Jails and court houses.
  7. Poor houses, houses of industry, asylums and land on which they stand, not exceeding a half acre.
  8. Public libraries.
  9. Incomes of farmers derived from farms and incomes derived from capital liable to taxation.
  10. Personal property invested in municipal debentures.
  11. Personal property up to \$200.
  12. Grain *in transitu*, household effects, books and wearing apparel.
- No. 3. An Ordinance to amend the Administration of Civil Justice Ordinances, 1878 and 1879—  
The contents of this have been before noted. See page 2 *et seq.*
- No. 4. An Ordinance respecting Partnership—  
Provides for the registration of partnerships, following the Ontario law on the subject.
- No. 5. An Ordinance for the Relief of Indigent Children—  
Empowering schools or orphanages, maintained by religious bodies or voluntary contributions, to receive boys under 16 and girls under 14 years of age, for the purpose of supporting and educating them.  
Empowering a Stipendiary Magistrate or two Justices of the Peace to deliver any such child, who has no home or guardian, or visible means of support, or who is an orphan or destitute, &c., to such institutions. Such institutions to maintain boys till 18 and girls until 20 years of age, unless girls previously marry. Power of parents and friends to cease, but child may be removed from such institutions, if parents or relations desire it, and are fit persons to have control. Private persons may also adopt children.  
Provision is made for keeping registers showing children so received, and for visiting such institutions.
- No. 6. An Ordinance to prevent the Profanation of the Lord's Day.  
Prohibits trading, &c., on Sunday; playing billiards or pool, &c., in public rooms, and horse racing on Sunday. Contracts rendered null made on that day. Maximum penalty, \$100 fine.
- No. 7. An Ordinance authorizing the appointment of Notaries Public—  
Giving power to the Lieutenant-Governor to appoint Notaries Public resident within the North-West Territories.
- No. 8. An Ordinance for the Protection of Game—  
Based on the law of Manitoba. Persons in actual want may kill any bird or animal in or out of season.
- No. 9. An Ordinance to regulate the disposal of Found or Stolen Animals—  
The North-West Mounted Police are empowered to sell such animals under certain conditions, if not claimed within three months.
- No. 10. An Ordinance respecting the Herding of Animals—  
The Lieutenant-Governor, on a requisition of not less than two-thirds of the inhabitants, may proclaim Herd Districts. In such districts animals straying and doing damage on cultivated lands may be distrained, put in pound and held for such damages, &c.
- No. 11. An Ordinance to enforce the Destruction of the Canada Thistle and other Noxious Weeds—  
Based upon the Manitoba law on the subject.
- No. 12. An Ordinance respecting Auctioneers, Hawkers and Pedlars—  
Requiring such persons to procure licenses every year at a cost of \$25. Maximum penalty, \$100 fine for selling without license.
- No. 13. An Ordinance to provide and regulate Returns by Justices of the Peace—  
To provide for half-yearly returns of proceedings had and convictions made by Justices of the Peace.

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- No. 14. An Ordinance respecting the Construction of Chimneys—  
Making provisions for preventing fire from defective chimneys.
- No. 15. An Ordinance to amend the Ordinance No. 6, of 1879, respecting the licensing of Billiard and other Tables, and for the Prevention of Gambling—  
The contents of this are noted in comments on Ordinance No. 6, of 1879.  
(See page 15.)
- No. 16. An Ordinance to further amend "The Registration of Titles Ordinance, 1879"—  
This reduces the fees which the Registrar was authorized to charge by the previous Ordinance.
- No. 17. An Ordinance to amend Ordinance No. 8, of 1878, respecting the Marking of Stock—  
Makes provision that persons marking stock belonging to other people shall pay the owner thereof three times its value.
- No. 18. An Ordinance to amend Ordinance No. 1, of 1881, respecting Short Forms of Indentures—  
Treated of in comments on that Ordinance. (See page 17.)
- No. 19. An Ordinance to amend an Ordinance for the protection of Sheep, No. 11, of 1881—  
See abstract of that Ordinance, page 22.
- No. 20. An Ordinance to amend an Ordinance for the prevention of Prairie and Forest Fires, No. 4, of 1879—  
See abstract of that Ordinance, page 13.
- No. 21. An Ordinance to repeal Ordinance No. 10, of 1881, and to amend an Ordinance respecting Fences, No. 10, of 1878—  
See abstract of that Ordinance, page 9.
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PART V.

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# MINING REGULATIONS

## To govern the disposal of Mineral Lands other than Coal Lands.

1. These regulations shall be applicable to all Dominion Lands containing gold, silver, cinnabar, lead, tin, copper, petroleum, iron, or other mineral deposit of economic value, with the exception of coal.

2. Any person may explore vacant Dominion Lands not appropriated or reserved by Government for other purposes, and may search therein, either by surface or subterranean prospecting, for mineral deposits, with a view to obtaining under these Regulations a mining location for the same, but no mining location or mining claim shall be granted until the discovery of the vein, lode, or deposit of mineral or metal within the limits of the location or claim.

### I.—QUARTZ MINING.

3. A location for mining, except for iron, on veins, lodes, or ledges of quartz or other rock in place, shall not exceed forty acres in area. Its surface boundaries shall be straight due north and south and east and west lines not more than four in number. Its length shall not be more than three times its breadth. Its boundaries beneath the surface shall be the vertical planes in which its surface boundaries lie.

4. Any person having discovered a mineral deposit may obtain a mining location therefor, under these Regulations, in the following manner:—

(a) He shall mark the location on the ground by placing at each of its four corners a wooden post, not less than four inches square, driven not less than eighteen inches into the ground, and showing that length above it. If the ground be too rocky to admit of so driving the posts into it, he shall build about each of them, to support it and keep it in place, a cairn or mound of stones, at least three feet in diameter at the base, and eighteen inches high. On the most north-easterly post he shall mark legibly with a cutting instrument, or with coloured chalk, or with a pencil, his name in full, the date of such marking, and the letters ML. 1, to indicate that the post is a Mining Location post No. 1. Proceeding next to the most south-easterly post, he shall mark it ML. 2, and with his initials. Next, the most south-westerly post shall be marked ML. 3, and with his initials; and, lastly, the most north-westerly post with his initials and the letters ML. 4. Furthermore, on one of the faces of each post, which face shall in the planting thereof be turned towards the post which next follows it in the order in which they are here named and numbered, there shall be marked in figures the number of yards' distance to such next following post. If means of measurement are not available, the distance to be so marked on each of the posts may be that estimated. If the corner of a location falls in a ravine, bed of a stream, or any other situation where the character of the locality may render the planting of a post impossible, the corner may be indicated by the erection at the nearest suitable point of a witness post, which in that case shall contain the same marks as those prescribed in this clause in regard to corner posts, as well as the letters W. P., and an indication of the bearing and distance of the site of the true corner from such witness post.

(In this manner any subsequent prospector, informed of these Regulations, will, on meeting any one of the posts or mounds, be enabled to follow them all round, from one to another, and avoid encroachment, either in search or in marking out another location in the vicinity for himself.)

(b) Having so marked out on the ground the location he desires, the claimant shall within ninety days thereafter file with the Local Agent, in the Dominion Land Office for the district in which the location is situate, a declaration on oath according to Form A in the schedule to these Regulations (which may be sworn to before the said Agent, or may have been previously sworn to before a Justice of the Peace or Commissioner) setting forth the circumstances of his discovery, and describing, as nearly as may be, the locality and dimensions of the claim marked out by him as aforesaid; and shall, along with such declaration, pay to the said Agent an entry fee of five dollars.

(c) The Agent shall then give him a receipt, according to Form B in the schedule to these Regulations, for such fee. This receipt shall authorize the claimant, his legal representatives or assigns, to enter into possession of the location applied for, and, during the term of one year from its date, to take therefrom and dispose of any mineral deposit contained within its boundaries.

5. At any time before the expiration of one year from the date of his obtaining the Agent's receipt as aforesaid, it shall be open to the claimant to purchase the location on filing with the Local Agent proof that he has expended not less than five hundred dollars in actual mining operations on the same, such proof to consist of his own sworn statement, accompanied and confirmed by the affidavits of two disinterested persons, [setting forth in detail the nature of such operations and the amount expended.

6. The price to be paid for a mining location shall be at the rate of five dollars per acre cash.

7. On making the application to purchase a mining location, and paying the price therefor as hereinbefore provided, the claimant shall also deposit with the Agent the sum of fifty dollars, which shall be deemed payment by him to the Government for the survey of his location; and, upon the receipt of the plans and field-notes, and the approval thereof by the Surveyor-General, a patent shall issue to the claimant in the Form D in the schedule hereto. If, on account of its remoteness or other cause, a mining location cannot, at the time of the deposit of fifty dollars by the applicant for the purpose, be surveyed by the Government for that sum, he shall be subject to the alternative of waiting until the employment of a surveyor by the Government on other work in the vicinity of the claim renders it convenient to have the survey made at a cost not exceeding fifty dollars, or of sooner procuring at his own cost its survey by a duly commissioned surveyor of Dominion Lands, under instructions from the Surveyor-General; in the latter case, on receipt of the plans and field-notes of the survey and approval thereof by the Surveyor-General, as hereinbefore provided, the claimant shall be entitled to receive his patent, and to have returned to him the fifty dollars deposited by him to defray cost of survey.

8. Should the claimant, or his legal representatives as aforesaid, fail to prove within one year the expenditure prescribed; or, having proved such expenditure, fail within that time to pay in full, and in cash, to the Local Agent, the price hereinbefore fixed for such mining location, and also to pay the sum of fifty dollars hereinbefore prescribed for the survey of his location, then any right on the part of the claimant or of his legal representatives in the location, or claim on his or their part to acquire it, shall lapse, and the location shall thereupon revert to the Crown and shall be held, along with any immoveable improvements thereon, for disposal, under these Regulations, to any other person, or as the Minister of the Interior may direct; provided, that the Minister of the Interior may, upon sufficient cause being shown, extend the time within which the claimant may purchase his mining location for the additional term of one year, upon payment by the claimant of a new entry fee and the relinquishment of his original receipt, in exchange for which the Agent shall, when so directed by the said Minister, give him a new receipt in the Form C in the schedule hereto.

9. Where two or more persons lay claim to the same mining location, the right to acquire it shall be in him who can prove he was the first to discover the mineral deposit involved, and to take possession by demarcation, in the manner prescribed in these Regulations, of the location covering it.

10. Priority of discovery alone shall not give the right to acquire; but a person subsequently and independently discovering, who has complied with the other conditions prescribed in these Regulations, shall take precedence of the first discoverer if the latter has failed to comply with the said other conditions. Provided, however, that, in any case where it is proved that a claimant has in bad faith used the prior discovery of another, and fraudulently affirms that he made independent discovery and demarcation, he shall, apart from any other legal consequences, have no claim, and shall forfeit the deposit made with his application, and shall be absolutely debarred from obtaining another mining location.

11. Not more than one mining location shall be granted to any individual claimant upon the same lode or vein.

12. Where land is used or occupied for milling purposes, reduction works or other purposes incidental to mining operations, either by the proprietor of a mining location or other person, such land may be applied for and patented, either in connection with, or separate from, a mining location, in the manner hereinbefore provided for the application for, and the patenting of, mining locations, and may be held in addition to any such mining location; but such additional land shall in no case exceed five acres in extent and shall be paid for at the same rate as a mining location.

13. The Minister of the Interior may grant a location for the mining of iron not exceeding 160 acres in area. Provided, that should any person making an application purporting to be for the purpose of mining iron thus obtain, whether in good faith or fraudulently, possession of a valuable mineral deposit other than iron, his right in such deposit shall be restricted to the area hereinbefore prescribed for other minerals, and the rest of the location shall thereupon revert to the Crown for such disposition as the Minister may direct.

14. When there are two or more applicants for any mining location, no one of whom is the original discoverer, or his assignee, the Minister of the Interior, if he sees fit to dispose of the location, shall invite their competitive tenders, or shall put it up to public tender, or auction, as he may deem expedient.

15. An assignment of the right to purchase a mining location shall be endorsed on the back of the receipt or certificate of assignment (Forms B and E, in the schedule hereto), and the execution thereof shall be attested by two disinterested witnesses; upon the deposit of the receipt or certificate with such assignment executed and attested as herein provided, in the office of the Local Agent, accompanied by a registration fee of two dollars, the Local Agent shall give to the assignee a receipt in the Form E in the schedule hereto, which certificate shall entitle the assignee to all the rights and privileges of the original discoverer in respect of the claim assigned; and the said assignment shall be forwarded to the Minister of the Interior by the Local Agent, at the same time and in like manner as his other returns respecting Dominion Lands, and shall be registered in the Department of the Interior; and no assignment of the right to purchase a mining location which is not unconditional and in all respects in accordance with the provisions of this clause, and accompanied by the registration fee herein provided for, shall be recognized by the Local Agent or registered in the Department of the Interior.

16. If application be made under the next preceding clause by the assignee of the right to purchase a mining location, and such claim is duly recognized and registered, as hereinbefore provided, such assignee shall, by complying with all the pro-

visions of Clauses 5 and 7 become entitled to purchase the location for the price and on the terms prescribed in these Regulations, whether or not his assignor may have previously acquired a mining location under them.

## II.—PLACER MINING.

17. The Regulations hereinbefore laid down in respect of Quartz Mining shall be applicable to Placer Mining so far as they relate to entries, entry fees, assignments, marking of locations, Agents' receipts, and generally where they can be applied, save that the boundaries of Placer Mining claims need not be due north and south and east and west lines, and except as otherwise herein provided.

### NATURE AND SIZE OF CLAIMS.

18. The size of claims shall be as follows:—

(a) For "bar diggings," a strip of land 100 feet wide at high water mark, and thence extending into the river to its lowest water level.

(b) For "dry diggings," 100 feet square.

(c) "Creek and river claims" shall be 100 feet long, measured in the direction of the general course of the stream, and shall extend in width from base to base of the hill or bench on each side, but when the hills or benches are less than 100 feet apart the claim shall be 100 feet square.

(d) "Bench claims" shall be 100 feet square.

(e) Every claim on the face of any hill, and fronting on any natural stream or ravine, shall have a frontage of 100 feet, drawn parallel to the main direction thereof, and shall be laid out, as nearly as possible, in the manner prescribed by Section 4 of these Regulations.

(f) If any miner or association of miners shall discover a new mine, and such discovery shall be established to the satisfaction of the Agent, claims of the following size, in dry, bar, bench, creek, or hill diggings, shall be allowed:—

To one discoverer.....	300 feet in length.
" a party of two.....	600 do
" " three.....	800 do
" " four.....	1,000 do

and to each member of a party beyond four in number, a claim of the ordinary size only.

A new stratum of auriferous earth or gravel, situated in a locality where the claims are abandoned, shall for this purpose be deemed a new mine, although the same locality shall have been previously worked at a different level; and dry diggings discovered in the vicinity of bar diggings shall be deemed a new mine, and *vice versa*.

### RIGHTS AND DUTIES OF MINERS.

19. The forms of application for a grant for Placer Mining, and the grant of the same, shall be those contained in Forms F and G in the schedule hereto.

20. The entry of every holder of a grant for Placer Mining must be renewed, and his receipt relinquished and replaced, every year, the entry fee being paid each time.

21. No miner shall receive a grant of more than one mining claim in the same locality, but the same miner may hold any number of claims by purchase, and any number of miners may unite to work their claims in common upon such terms as they may arrange, provided such agreement be registered with the Local Agent.

22. Any miner or association of miners may sell, mortgage, or dispose of his or their claims, provided such disposal be registered with, and a fee of two dollars paid



to the Local Agent, who shall thereupon give the assignee a certificate in Form H in the schedule hereto.

23. Every miner shall, during the continuance of his grant, have the exclusive right of entry upon his own claim, for the miner-like working thereof, and the construction of a residence thereon, and shall be entitled exclusively to all the proceeds realized therefrom; but he shall have no surface rights therein; and the Local Agent may grant to the holders of adjacent claims such right of entry thereon as may be absolutely necessary for the working of their claims, upon such terms as may to him seem reasonable.

24. Every miner shall be entitled to the use of so much of the water naturally flowing through or past his claim, and not already lawfully appropriated, as shall, in the opinion of the Local Agent, be necessary for the due working thereof; and shall be entitled to drain his own claim free of charge.

25. A claim shall be deemed to be abandoned and open to occupation and entry by any person when the same shall have remained unworked on working days by the grantee thereof for the space of seventy-two hours, unless sickness or other reasonable cause be shown, or unless the grantee is absent on leave.

26. A claim granted under these Regulations shall be continuously and in good faith worked, except as otherwise provided, by the grantee thereof or by some person on his behalf.

27. In tunnelling under hills, on the frontage of which angles occur, or which may be of an oblong or elliptical form, no party shall be allowed to tunnel from any of the said angles, or from either end of such hills, so as to interfere with parties tunnelling from the main frontage.

28. Tunnels and shafts shall be considered as belonging to the claim for the use of which they are constructed, and as abandoned or forfeited by the abandonment or forfeiture of the claim itself.

29. For the more convenient working of back claims on benches or slopes, the Local Agent may permit the owners thereof to drive a tunnel through the claims fronting on any creek, ravine or water-course upon such terms as he may deem expedient.

#### LEAVE OF ABSENCE.

30. In cases where water is necessary to the continuance of mining operations, and the supply of water is insufficient, the Agent shall have power to grant leave of absence to the holder of the grant during such insufficiency, but no longer, except by permission of the Minister of the Interior.

31. Any miner or association of miners shall be entitled to leave of absence for one year from his or their diggings upon proving to the satisfaction of the Agent that he or they has or have expended on such diggings, in cash, labour or machinery, an amount of not less than \$500 on each of such diggings without any return of gold or other minerals in reasonable quantities from such expenditure.

32. The time occupied by the locator of a claim in going to and returning from the office of the Local Agent to enter his claim, or for other purposes prescribed by these Regulations, shall not be counted against him, but he shall, in such cases, be deemed to be absent on leave.

#### ADMINISTRATION.

33. In case of the death of any miner while entered as the holder of any mining claim, the provisions as to abandonment shall not apply either during his last illness or after his decease.

34. The Local Agent shall take possession of the mining property of the deceased, and may cause such mining property to be duly worked, or dispense therewith, at his option, and he shall sell the property by private sale, or, after ten days' notice thereof, by public auction, upon such terms as he shall deem just, and out of the proceeds pay all costs and charges incurred thereby, and pay the balance, if any, to the legal representatives of the said deceased miner.

35. The Local Agent, or any person authorized by him, shall take charge of all the property of deceased miners until the issue of letters of administration.

### III.—BED-ROCK FLUMES.

36. It shall be lawful for any Local Agent, upon the application hereinafter mentioned, to grant to any Bed-rock Flume Company, for any term not exceeding five years, exclusive rights of way through and entry upon any mining ground in his district, for the purpose of constructing, laying and maintaining bed-rock flumes.

37. Three or more persons may constitute themselves into a Bed-rock Flume Company, and every application by them for such grant shall state the names of the applicants and the nature and extent of the privileges sought to be acquired. Ten clear days' notice thereof shall be given between the months of June and November, and between the months of November and June one month's notice shall be given, by affixing the same to a post planted in some conspicuous part of the ground or to the face of the rock, and a copy thereof conspicuously upon the inner walls of the Land Office of the district. Prior to such application, the ground included therein shall be marked out in the manner prescribed in sub-section *a* of clause four of these Regulations. It shall be competent for any person to protest before the Local Agent within the times hereinbefore prescribed for the notice of such application, but not afterwards, against such application being granted. Every application for a grant shall be accompanied by a deposit of \$100, which shall be returned if the application be refused, but not otherwise.

38. Every such grant shall be in writing, in the Form I given in the schedule hereto.

39. The holders of claims through which the line of the company's flume is to run may put in a bed-rock flume in their claims to connect with the company's flume, upon giving the company ten days' notice in writing to that effect; but they shall maintain the like grade, and build their flume as thoroughly, and of as strong materials, as that built by such company.

40. Every Bed-rock Flume Company shall lay at least fifty feet of flume during the first year and one hundred feet annually thereafter, until completion of the flume.

41. Any miners lawfully working any claims where a bed-rock flume exists, shall be entitled to tail their sluices, hydraulics and ground sluices into such flume, but so as not to obstruct the free working of such flume by rocks, stones, boulders or otherwise.

42. Upon a grant being made to any Bed-rock Flume Company, the Local Agent shall register the same, and the company shall pay for such registration a fee of \$10. They shall also pay, in advance, an annual rent of \$10 for each quarter of a mile of right of way legally held by them.

### IV.—DRAINAGE OF MINES.

43. The Minister of the Interior may grant to any person, or association of persons, permission to run a drain or tunnel for drainage purposes through any occupied mining land, and may give such persons exclusive rights of way through and

entry upon any mining ground for any term not exceeding five years, for the purpose of constructing a drain or drains for the drainage thereof.

44. The grantee shall compensate the owners of lands or holders of claims entered upon by him for any damage they may sustain by the construction of such tunnel or drain, and such compensation, if not agreed upon, shall be settled by the Local Agent and be paid before such drain or tunnel is constructed.

45. Such tunnel or drain, when constructed, shall be deemed to be the property of the person or persons by whom it shall have been so constructed.

46. Every application for a grant shall state the names of the applicants, the nature and extent of the proposed drain or drains, the amount of toll (if any) to be charged, and the privileges sought to be acquired, and shall, save where the drain is intended only for the drainage of the claim of the person constructing the same, be accompanied by a deposit of \$25, which shall be refunded in case the application is refused, but not otherwise. Notice of the application shall be given and protests may be made in the same manner as provided in regard to bed-rock flumes.

47. The grant of the right of way to construct drains or tunnels shall be made in the Form J in the schedule hereto. The grant shall be registered by the grantee in the office of the Local Agent, to whom he shall at the time pay a registration fee of \$5, or, if the grant gives power to collect tolls, a fee of \$10. An annual rent of \$10 shall be paid, in advance, by the said grantee for each quarter of a mile of right of way legally held by him, save where the drain shall be for the purpose of draining only the claim of the person constructing the same.

#### V.—DITCHES.

48. The Minister of the Interior may, upon the application hereinafter mentioned, grant to any person, or association of persons, for any term not exceeding five years, the right to divert and use the water from any stream or lake at any particular part thereof, and the rights of way through and entry upon any mining ground, for the purpose of constructing ditches and flumes to convey such water; provided always, that every such grant shall be deemed as appurtenant to the mining claim in respect of which it has been obtained, and, whenever the claim shall have been worked out or abandoned, or whenever the occasion for the use of such water upon the claim shall have permanently ceased, the grant shall be at an end and determine. The grantee shall record the said grant with the Local Agent during each year of the continuance of the same, and whilst it shall be in operation.

49. Twenty days' notice of the application shall be given by affixing the same to a post planted in some conspicuous part of the ground, and a copy thereof conspicuously upon the inner walls of the Land Office for the district, and any person may protest within such twenty days, but not afterwards, against such application being wholly or partially granted.

50. Every application for a grant of water exceeding 200 inches shall be accompanied by a deposit of \$25, which shall be refunded in case the application is refused, but not otherwise.

51. Every such application shall state the names of the applicants, the name or description of the stream or lake to be diverted, the quantity of water to be taken, the locality for its distribution, and the price (if any) to be charged for the use of such water, and the time necessary for the completion of the ditch. The grant shall be in Form K in the schedule hereto.

52. Every grant of a water privilege on occupied creeks shall be subject to the right of such miners as shall, at the time of such grant, be working on the stream

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above or below the ditch head, and of any other persons lawfully using such water for any purpose whatsoever.

53. If, after the grant has been made, any miner or miners locate and *bond fide* work any mining claim below the ditch head, on any stream so diverted, he or they collectively shall be entitled to 40 inches of water if 200 inches be diverted, and 60 inches if 300 inches be diverted, and no more, except upon paying to the owner of the ditch, and all other persons interested therein, compensation equal to the amount of damage sustained by the diversion of such extra quantity of water as may be required; and, in computing such damage, the loss sustained by any claims using water therefrom, and all other reasonable losses, shall be considered.

54. No person shall be entitled to a grant of the water of any stream for the purpose of selling the water to present or future claim holders on any part of such stream. The Minister of the Interior may, however, grant such privileges as he may deem just, when such ditch is intended to work bench or hill claims fronting on any such stream, provided that the rights of miners then using the water so applied for be protected.

55. The Minister of the Interior may, on the report of the Local Agent that such action is desirable, order the enlargement or alteration of any ditch, and fix the compensation (if any) to be paid by parties to be benefited thereby.

56. Every owner of a ditch or water privilege shall take all reasonable means for utilizing the water granted to him; and, if he wilfully take and waste any unreasonable quantity of water, the Minister may, upon the report of the Local Agent, if such offence be persisted in, declare all rights to the water forfeited.

57. The owner of any ditch or water privilege may distribute the water to such persons and on such terms as he may deem advisable, within the limits mentioned in his grant; provided always that such owner shall be bound to supply water to all miners who make application therefor in a fair proportion, and shall not demand more from one person than from another, except where the difficulty of supply is enhanced.

58. Any person desiring to bridge any stream, claim, or other place, for any purpose, or to mine under or through any ditch or flume, or to carry water through or over any land already occupied, may in proper cases do so with the written sanction of the Local Agent. In all such cases, the right of the party first in possession is to prevail, so as to entitle him to compensation if the same be just.

59. In measuring water in any ditch or sluice, the following rules shall be observed:—The water taken into a ditch or sluice shall be measured at the ditch or sluice head. No water shall be taken into a ditch or sluice except in a trough placed horizontally at the place at which the water enters it. One inch of water shall mean half the quantity that will pass through an orifice two inches high by one inch wide, with a constant head of seven inches above the upper side of the orifice.

60. Whenever it shall be intended, in forming or upholding any ditch, to enter upon and occupy any part of a registered claim, or to dig or loosen any earth or rock, within four feet of any ditch not belonging solely to the registered owner of such claim, three days' notice, in writing, of such intention shall be given before entering or approaching within four feet of such other property.

61. Any person engaged in the construction of any road or work may, with the sanction of the Minister of the Interior, cross, divert, or otherwise interfere with any ditch, water privilege, or other mining rights whatsoever, for such period as the Minister shall approve.

62. The Minister shall order what compensation for every such damage or interference shall be paid, and when, and to whom, and whether any and what works damaged or affected by such interference as aforesaid shall be replaced by flumes or otherwise repaired by the person or persons inflicting any such damage.

63. The owners of any ditch, water privilege, or mining right shall, at their own expense, construct, secure and maintain all culverts necessary for the passage of waste and superfluous water flowing through or over any such ditch, water privilege or right.

64. The owners of any ditch or water privilege shall construct and secure the same in a proper and substantial manner, and maintain the same in good repair to the satisfaction of the Local Agent, and so that no damage shall occur to any road or work in its vicinity from any part of the works of such ditch, water privilege or right.

65. The owners of any ditch, water privilege or right shall be liable, and shall make good, in such manner as the Local Agent shall determine, all damages which may be occasioned by or through any parts of the works of such ditch, water privilege, or right breaking or being imperfect.

66. Nothing herein contained shall be construed to limit the right of the Lieutenant-Governor of the North-West Territories in Council, or of the proper authority in any Province containing Dominion Lands, to lay out, from time to time, public roads across, through, along or under any ditch, water privilege or mining right, without compensation.

## VI.—GENERAL PROVISIONS.

### INTERPRETATION.

67. In these Regulations the following expressions shall have the following meanings respectively, unless inconsistent with the context:—

“Minister” shall mean the Minister of the Interior.

“Agent” or “Local Agent” shall mean the Agent of Dominion Lands for the district, or other officer appointed by the Government for the particular purpose referred to.

“Mineral” shall include all minerals whatsoever other than coal.

“Close Season” shall mean the period of the year during which placer mining is generally suspended.

“Miner” shall mean a person holding a mining location or a grant for placer mining.

“Claim” shall mean the personal right of property in a placer mine or diggings during the time for which the grant of such mine or diggings is made.

“Bar Diggings” shall mean any mine over which a river extends when in its flooded state.

“Dry Diggings” shall mean any mine over which a river never extends.

The mines on benches shall be known as “Bench Diggings,” and shall for the purpose of defining the size of such claims be excepted from “Dry Diggings.”

“Streams and Ravines” shall include water-courses, whether usually containing water or not, and all rivers, creeks and gulches.

“Ditch” shall include a flume or race, or other artificial means for conducting water by its own weight, to be used for mining purposes.

“Ditch Head” shall mean the point in a natural water-course or lake where water is first taken into a ditch.

“Claimant” shall mean a person who has obtained an entry for a mining location with a view to patent.

“Placer Mining” shall mean the working of all forms of deposits excepting veins of quartz or other rock in place.

"Quartz Mining" shall mean the working of veins of quartz or other rock in place.

"Location" shall mean the land entered by or patented to any person for the purpose of quartz mining.

#### HEARING AND DECISION OF DISPUTES.

68. The Local Agent shall have power to hear and determine all disputes in regard to mining property arising within his district, subject to appeal by either of the parties to the Commissioner of Dominion Lands.

69. No particular forms of procedure shall be necessary, but the matter complained of must be properly expressed in writing, and a copy of the complaint shall be served on the opposite party not less than            days before the hearing of the said complaint.

70. The complaint may, by leave of the Local Agent, be amended at any time before or during the proceedings.

71. The complainant shall, at the time of filing his complaint, deposit therewith a bond-fee of \$10, which shall be returned to him if the complaint proves to have been well-founded, and not otherwise, except for special cause by direction of the Minister of the Interior.

72. In the event of the decision of the Local Agent being made the subject of an appeal to the Commissioner of Dominion Lands, the appellant shall, at the time of lodging the appeal, deposit with the Local Agent a bond-fee of \$10, which shall be returned to the said appellant if his appeal proves to have been well-founded, and not otherwise, except for special cause by direction of the Minister of the Interior.

73. The appeal must be in writing and must be lodged with the Local Agent not more than three days after he has given his decision, and must state the grounds upon which the said decision is appealed from.

74. If the Commissioner of Dominion Lands decides that it is necessary to a proper decision of the matter in issue to have an investigation on the ground; or, in cases of disputed boundaries or measurements, to employ a surveyor to measure or survey the land in question, the expense of the inspection or re-measurement or re-survey, as the case may be, shall be borne by the litigants, who shall pay into the hands of the said Commissioner, in equal parts, such sum as he may think sufficient for the same before it takes place; otherwise it shall not proceed, and the party who refuses to pay such sum shall be adjudged in default. The said Commissioner shall subsequently decide in what proportion the said expense should be borne by the parties respectively, and the surplussage, if any, shall then be returned to the parties as he may order.

75. All bond fees adjudged as forfeited by the Local Agent or Commissioner, and all payments retained under the last preceding section shall, as soon as decision has been rendered, and all entry and other fees or moneys shall, as soon as they have been received by him, be paid by the said Agent or Commissioner to the credit of the Receiver-General in the same manner as other moneys received by him on account of Dominion Lands.

#### LEAVE OF ABSENCE.

76. The Agent in each district shall, under instructions from the Minister of the Interior, declare the close season in his district.

77. Each holder of a mining location or of a grant for placer mining shall be entitled to be absent from his mining location or diggings and to suspend work thereon during the close season.

78. The Local Agent shall have power to grant leave of absence to the holder of a mining location or grant for placer mining pending the decision of any dispute in which he is concerned under these Regulations.

79. The Minister of the Interior shall, from time to time, as he may think fit, declare the boundaries of Mineral and Mining Districts, and shall cause a description of the same to be published in the *Canada Gazette*.

80. The Minister of the Interior may direct mineral and mining locations to be laid out within such Districts wherever, from report of the Director of the Geological Survey or from other information, he has reason to believe there are mineral deposits of economic value, and may sell the same to applicants therefor, who, in his opinion, are able and intend in good faith to work the same; or he may from time to time cause the said locations to be sold by public auction or tender. Such sales shall be for cash, and at prices in no case lower than those prescribed for locations sold to original discoverers, and shall otherwise be subject to all the provisions of these Regulations.

#### ROYALTY.

81. The patent for a mining or mineral location shall reserve to the Crown, for ever, a royalty of two and one-half per cent. on the sales of the products of all mines therein.

82. Returns shall be made by the grantee, sworn to by him, or by his agent or other employé in charge of the mine, at monthly or such other intervals as may be required by the Minister of the Interior, of all products of his mining location and of the price or amount he received for the same.

#### MISCELLANEOUS.

83. The Local Agent shall have the power to summarily order any mining works to be so carried on as not to interfere with or endanger the safety of the public, any public work or highway, or any mining property, mineral lands, mining claims, bed-rock drains or flumes; and any abandoned works may by his order be either filled up or guarded to his satisfaction, at the cost of the parties who may have constructed the same, or in their absence upon such terms as he shall think fit.

84. The Agent in each district, acting under instructions to be from time to time issued by the Minister of the Interior, shall cause to be laid out, at the expense of the person or persons applying for the same, a space of ground for deposits of leavings and deads from any tunnel, claim or mining ground.

#### FORFEITURE.

85. In the event of the breach of these Regulations or any of them by any person holding a grant or right of any description from the Crown, or from the Minister of the Interior, or from any duly authorized officer of Dominion Lands, such right or grant shall be absolutely forfeited *ipso facto*, and the person so offending shall be incapable thereafter of acquiring any such right or grant, unless for special cause otherwise decided by the Minister of the Interior.

**SCHEDULE TO MINING REGULATIONS.**

**FORM A.—APPLICATION AND AFFIDAVIT OF DISCOVERER OF QUARTZ MINE.**

I, (A.B.) of hereby apply, under the Dominion Lands Mining Regulations, for a mining location in (here give general description of locality) for the purpose of mining for (here name the metal or mineral) and I hereby solemnly swear:—

1. That I have discovered therein a deposit of (here name the metal or mineral).

2. That I am to the best of my knowledge and belief the first discoverer of the said deposit.

3. That I am unaware that the land is other than vacant Dominion Land.

4. That I did, on the day of mark out on the ground, in accordance in every particular with the provisions of sub-section a of clause four of the said Mining Regulations, the location for which I make this application; and that in so doing I did not encroach on any mining location previously laid out by any other person.

5. That the said mining location contains, as nearly as I could measure or estimate, an area of acres, and that the description (and sketch, if any,) of this date hereto attached, signed by me, set forth in detail to the best of my knowledge and ability its position, form, and dimensions.

6. That I make this application in good faith to acquire the land for the sole purpose of mining to be prosecuted by myself, or by myself and associates, or by my assigns.

Sworn before me at  
 this day of  
 18  
 (Signature.)

**FORM B.—RECEIPT FOR FEE PAID BY APPLICANT FOR MINING LOCATION.**

No.....

DEPARTMENT OF THE INTERIOR,  
 DOMINION LANDS OFFICE,

Agency 18

RECEIVED from (A.B.) of five dollars, being the fee required by sub-section b of clause four of the Dominion Lands Mining Regulations, accompanying his application No. , dated 18 for a mining location in (insert general description of locality).



This receipt authorizes the said (A. B.) his legal representatives or assigns, to enter into possession of the said mining location, and, during the term of one year from the date of this receipt, to take therefrom and dispose of any mineral deposit contained within its boundaries, and, on due compliance at any time within that period with the several requirements in that behalf of the said Mining Regulations, entitles him or them to purchase the said location which, provisionally, and until survey thereof, may be known and described as follows: (insert description in detail).

If the said (A. B.) or his legal representatives or assigns, fail to comply, as aforesaid, with the conditions that would entitle him or them to purchase within one year from this date, or, having so complied, do not within that time make payment in full for the land, and also pay the sum of fifty dollars prescribed in the said Regulations for the survey of the location, then the right to purchase shall lapse and the mining location shall revert to the Crown, to be otherwise disposed of as may be directed by the Minister of the Interior.

*Agent of Dominion Lands.*

**FORM C.—RECEIPT FOR FEE ON EXTENSION OF TIME FOR  
PURCHASE OF A MINING LOCATION.**

No.....

DEPARTMENT OF THE INTERIOR,  
DOMINION LANDS OFFICE,

Agency,

18

RECEIVED from (A. B.) of five dollars,  
being the fee required by clause seven of the Dominion Lands Mining Regulations,  
accompanying his application No. , dated 18 , for the extension  
of the time within which he may purchase the mining location described as follows:  
(insert description in detail) for which he obtained an entry No. on the  
18

This receipt authorizes the said (A. B.) his legal representatives or assigns, to continue in possession of the said mining location, and, during the term of one year from the 18 , to take therefrom and dispose of any mineral deposit contained within its boundaries, and, on due compliance at any time within that period with the several requirements in that behalf of the said Mining Regulations, entitles him or them to purchase the said location which, provisionally, and until survey thereof, may be known and described as above.

If the said (A. B.) or his legal representatives or assigns, fail to comply, as aforesaid, with the conditions that would entitle him or them to purchase within one year from this date, or, having so complied, do not within that time make payment in full for the land, and also pay the sum of fifty dollars prescribed in the said Regulations for the survey of the location, then the right to purchase shall lapse, and the mining location shall revert to the Crown, to be otherwise disposed of as may be directed by the Minister of the Interior.

*Agent of Dominion Lands.*



If the said (B. C.,) or his legal representatives or assigns, fail to comply as aforesaid with the conditions that would entitle them to purchase within one year of the date of the receipt granted to (A. B.,) and now deposited with me, or having so complied, do not within that time make payment in full for the land, and also pay the sum of fifty dollars prescribed in the said Regulations for the survey of the location, then the right to purchase shall lapse, and the mining location shall revert to the Crown, to be otherwise disposed of as may be directed by the Minister of the Interior.

*Agent of Dominion Lands.*

**FORM F.—APPLICATION FOR GRANT FOR PLACER MINING AND AFFIDAVIT OF APPLICANT.**

I, (A. B.), of \_\_\_\_\_ hereby apply, under the Dominion Lands Mining Regulations, for a grant of a claim for placer mining as defined in the said Regulations, in \_\_\_\_\_

(here describe locality)

and I solemnly swear:

1. That I have discovered therein a deposit of (here name the metal or mineral).
2. That I am to the best of my knowledge and belief the first discoverer of the said deposit; or
2. That the said claim was previously granted to (here name the last grantee), but has remained unworked by the said grantee for not less than \_\_\_\_\_
3. That I am unaware that the land is other than vacant Dominion Land.
4. That I did, on the \_\_\_\_\_ day of \_\_\_\_\_, mark out on the ground, in accordance in every particular with the provisions of sub-section a of clause four of the said Mining Regulations, the claim for which I make this application, and that in so doing I did not encroach on any other claim or mining location previously laid out by any other person.
5. That the said claim contains, as nearly as I could measure or estimate, an area of \_\_\_\_\_ square feet, and that the description (and sketch, if any) of this date hereto attached, signed by me, set forth in detail, to the best of my knowledge and ability, its position, form and dimensions.
6. That I make this application in good faith to acquire the claim for the sole purpose of mining to be prosecuted by myself, or by myself and associates, or by my assigns.

*Sworn before me at*

*this \_\_\_\_\_ day of \_\_\_\_\_*

*18 .*

} (Signature),

**FORM G.—GRANT FOR PLACER MINING.**

No.....

DEPARTMENT OF THE INTERIOR,  
DOMINION LANDS OFFICE,

Agency, 18

In consideration of the payment of five dollars, being the fee required by the provisions of the Dominion Lands Mining Regulations, clauses four and nineteen, by (A. B.) of \_\_\_\_\_, accompanying his application No. \_\_\_\_\_, dated 18 \_\_\_\_\_, for a mining claim in (here insert description of locality).

The Minister of the Interior hereby grants to the said (A.B.) \_\_\_\_\_, for the term of one year from the date hereof, the exclusive right of entry upon the claim \_\_\_\_\_ (here describe in detail the claim granted) for the miner-like working thereof and the construction of a residence thereon, and the exclusive right to all the proceeds realized therefrom.

The said (A.B.) \_\_\_\_\_ shall be entitled to the use of so much of the water naturally flowing through or past his claim, and not already lawfully appropriated, as shall be necessary for the due working thereof, and to drain his claim free of charge.

This grant does not convey to the said (A.B.) \_\_\_\_\_ any surface rights in the said claim or any right of ownership in the soil covered by the said claim; and the said grant shall lapse and be forfeited unless the claim is continuously and in good faith worked by the said (A.B.) \_\_\_\_\_ or his associates.

The rights hereby granted are those laid down in the aforesaid Mining Regulations, and no more, and are subject to all the provisions of the said Regulations, whether the same are expressed herein or not.

*Agent of Dominion Lands.***FORM H.—CERTIFICATE OF THE ASSIGNMENT OF A PLACER MINING CLAIM.**

No.....

DEPARTMENT OF THE INTERIOR,  
DOMINION LANDS OFFICE,

Agency, 18

This is to certify that (B.C.) \_\_\_\_\_ of \_\_\_\_\_ has filed an assignment in due form dated \_\_\_\_\_ 18 \_\_\_\_\_, and accompanied by a registration fee of two dollars, of the grant to (A.B.) \_\_\_\_\_ of \_\_\_\_\_ of the right to mine in \_\_\_\_\_ (insert description of claim) \_\_\_\_\_ for one year from the \_\_\_\_\_ 18 \_\_\_\_\_.

This certificate entitles the said (B.C.) \_\_\_\_\_ to all the rights and privileges of the said (A.B.) \_\_\_\_\_ in respect of the claim assigned, that is to say, to the exclusive right of entry upon the said claim for the miner-like working thereof and the construction of a residence thereon, and the exclusive right to all the proceeds realized therefrom, for the remaining portion of the year for which the said claim was granted to the said (A.B.) \_\_\_\_\_, that is to say, until the \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_\_\_\_.

The said (B.C.) \_\_\_\_\_ shall be entitled to the use of so much of the water naturally flowing through or past his claim and not already lawfully appropriated as shall be necessary for the due working thereof, and to drain his claim free of charge.

This grant does not convey to the said (B.C.) any surface rights in the said claim, or any right of ownership in the soil covered by the said claim; and the said grant shall lapse and be forfeited unless the claim is continuously and in good faith worked by the said (B.C.) or his associates.

The rights hereby granted are those laid down in the aforesaid Mining Regulations, and no more, and are subject to all the provisions of the said Regulations, whether the same are expressed herein or not.

*Agent of Dominion Lands.*

### FORM I.—GRANT TO A BED-ROCK FLUME COMPANY.

No. ....

DEPARTMENT OF THE INTERIOR,  
DOMINION LANDS OFFICE,

Agency,

18

In consideration of the payment of a deposit of one hundred dollars, required by clause forty of the Dominion Lands Mining Regulations to be made with the application of a Bed-rock Flume Company, and of the further sum of ten dollars, being the fee for registration of this grant required by clause forty-five of the said Regulations,

The Minister of the Interior hereby grants to (names of members of company) forming together a Bed-rock Flume Company [known as the (title of company)], the following rights and privileges, that is to say:—

(a) The rights of way through and entry upon any new and unworked river, creek, gulch or ravine, and the exclusive right to locate and work a strip of ground one hundred feet wide and two hundred feet long in the bed thereof to each individual of the company;

(b) The rights of way through and entry upon any river, creek, gulch or ravine, worked by miners for any period longer than two years prior to such entry, and already wholly or partially abandoned, and the exclusive right to stake out and work both the unworked and abandoned portions thereof, one hundred feet in width, and one quarter of a mile in length for each individual of the company;

(c) The rights of way through and entry upon all claims which, at the time of the notice of application, are in good faith being worked, for the purpose of cutting a channel and laying their flume therein, with such reasonable space for constructing, maintaining and repairing the flume as may be necessary;

(d) The use of so much of the unappropriated water of the stream on which they may be located, and of other adjacent streams, as may be necessary for the use of their flumes, hydraulic power, and machinery to carry on their operations, and the right of way for ditches and flumes to convey the necessary water to their works, subject to the payment of any damage which may be done to other parties by running such ditch or flume through or over their ground;

Provided, that the rights herein granted shall apply only to such claims and streams as are here specified: (insert description of claims and streams) and such other claims and streams as may, after due notice and application, be subsequently added to the above list by the Minister of the Interior, under the hand of the Local Agent;

Provided, also, that the said company shall pay to the Local Agent, in advance, an annual rent of ten dollars for each quarter of a mile of right of way legally held by them;

Provided, further, that this grant is subject to all the provisions of the Dominion Lands Mining Regulations in that behalf, whether the same are expressed herein or not.

This grant shall cease and determine at the expiration of \_\_\_\_\_ years from the date hereof.

*Agent of Dominion Lands.*

### FORM J.—GRANT FOR DRAINAGE.

No. ....

DEPARTMENT OF THE INTERIOR,  
DOMINION LANDS OFFICE,

Agency, 18

In consideration of the payment of a deposit of twenty-five dollars required by clause forty-nine of the Dominion Lands Mining Regulations to be made with the application for a grant of right of way to construct drains, and of the further sum of \_\_\_\_\_ dollars, being the fee for the registration of this grant required by clause fifty of the said Regulations.

The Minister of the Interior hereby grants to \_\_\_\_\_ (name or names of grantee or grantees) the right to run a drain or tunnel for drainage purposes through the occupied mining lands here specified : \_\_\_\_\_ (here describe mining lands) and further, for a term of \_\_\_\_\_ from the date hereof, exclusive rights of way through and entry upon the following mining grounds : \_\_\_\_\_ (here insert description) for the purpose of constructing a drain or drains for the drainage thereof; and the right to charge the following tolls for the use thereof : \_\_\_\_\_ (insert tariff of tolls);

Provided, that the grantee shall construct such drain or drains of sufficient size to meet all requirements within \_\_\_\_\_ from the date hereof, and keep the same in thorough working order and repair, and free from all obstructions; and shall, within a reasonable time, construct proper tap drains from or into any adjacent claims, upon being requested by the owners thereof, and in default thereof shall permit such parties to make them themselves, in which case such parties shall only be chargeable with one-half the rates of drainage toll herein authorized;

Provided, also, that the said grantee shall compensate the owners of lands or holders of claims entered upon by \_\_\_\_\_ for any damage they may sustain by the construction of such tunnel or drain;

Provided, further, that the said grantee shall pay to the Local Agent, in advance, an annual rent of ten dollars for each quarter of a mile of right of way legally held by \_\_\_\_\_;

Provided, further, that this grant is subject to all the provisions of the Dominion Lands Mining Regulations in that behalf, whether the same are expressed herein or not.

*Agent of Dominion Lands.*

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**FORM K.—GRANT OF RIGHT TO DIVERT WATER AND CONSTRUCT  
DITCHES.**

No.....

DEPARTMENT OF THE INTERIOR,  
DOMINION LANDS OFFICE,

Agency,

18

In consideration of the payment of a deposit of twenty-five dollars, required by clause fifty-three of the Dominion Lands Mining Regulations to be made with the application for the right to divert water and construct ditches,

The Minister of the Interior hereby grants to (A.B.) , for the term of \_\_\_\_\_ years from the date hereof, the right to divert and use the water from \_\_\_\_\_ (specify stream or lake) to the extent of \_\_\_\_\_ inches, and no more, to be distributed as follows:— (describe locality of distribution) together with the right to charge the following rates for the use of the said water:— (insert rates to be charged) and the rights of way through and entry upon the following mining grounds (insert description) for the purpose of constructing ditches and flumes to convey such water, provided such ditches and flumes are constructed and in working order, within \_\_\_\_\_ from the date hereof;

Provided that this grant shall be deemed to be appurtenant to mining claim No. \_\_\_\_\_, and shall cease and determine whenever the said claim shall have been worked out or abandoned, or the occasion for the use of such water upon the said claim shall have permanently ceased;

Provided, also, that this grant is subject to all the provisions of the Dominion Lands Mining Regulations in that behalf, whether the same are expressed herein or not.

*Agent of Dominion Lands.*

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D. L. MACPHERSON,

*Minister of the Interior.*

A. M. BURGESS,

*Deputy of the*

*Minister of the Interior.*

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REPORT  
OF THE  
SECRETARY OF STATE  
OF  
CANADA,  
FOR THE  
YEAR ENDED 31st DECEMBER,  
1883

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Printed by Order of Parliament.

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OTTAWA:  
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.  
1884.





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# REPORT

OF THE

# SECRETARY OF STATE

FOR THE

YEAR ENDED 31ST DECEMBER, 1883.

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*To His Excellency the Most Honourable the Marquis of Lansdowne, Governor General  
of Canada.*

MAY IT PLEASE YOUR EXCELLENCY:—

I have the honor most respectfully to submit, for your Excellency's information, and in order that the same may be duly laid before Parliament, the Report of the Department under my control, for the year 1883.

#### APPENDICES.

Accompanying this report are the following appendices:—

- A. Report of the Deputy Registrar-General of Canada.
- B. Report of the Queen's Printer of Canada.
- C. Report of the Clerk in charge of the Stationery Branch.
- D. Report of the Keeper of the Records of Canada,

E. Schedules of Returns to Addresses passed by the Senate and House of Commons of Canada, during the Session of 1883, which have been prepared by the Department, and presented through the Secretary of State.

F. Synopsis of Returns to Addresses, etc., passed by the House of Commons, during the Session of 1883, prepared by the Department, and presented through the Secretary of State.

G. Key to the above synopsis.

H. Addresses and Orders of previous Sessions, Returns to which were prepared by the Department, and presented through the Secretary of State, during the Session of 1883.

I. Table of Charters of Incorporation issued under the "Canada Joint Stock Companies Act, 1877," during the year 1883.

J. Supplementary Letters Patent, issued under the said Act, during the year 1883.

K. A List of the Officers, Clerks and Servants of the Department, on 31st December, 1883, with date of appointment, rank, and salary attached in each case.

The Report of the proceedings of the Board of Civil Service Examiners, required under 45 Vic., cap 4, sec. 55, is being prepared and will be presented separately.

From the *Appendices* above enumerated, may be obtained a knowledge of the operations of the several branches of the Department for the year now past.

#### NUMBER OF LETTERS RECEIVED AND SENT.

The total number of letters, petitions and other documents received by the Department during the year was 12,849. The total number of letters written and sent during the same period was 8,836.

#### REVENUE AND EXPENDITURE.

The total revenue of the Department during the fiscal year 1883, was made up as follows :

Fees on Charters of Incorporation issued.....	\$ 8,465 00
“ Exemplification of Patents.....	216 00
“ Commissions.....	201 00
“ Supplementary Charters of Incorporation.....	150 00
“ Copies of Documents.....	51 15
“ Licenses.....	40 00
“ Passports.....	35 00
“ Certificates, Legalization.....	21 00
“ Searches .....	1 00
Receipts, sale of Statutes.....	796 02
Receipts from <i>Canada Gazette</i> , viz , for copies, subscriptions and advertising.....	2,548 78
Stationery supplied .....	107,476 68
<b>Total.....</b>	<b>\$120,001 63</b>

The total expenditure was as follows :

Salaries.....	\$ 47,272 06
Stationery.....	109,929 33
Printing <i>Canada Gazette</i> .....	3,811 02
Printing Statutes.....	12,230 48
Departmental Printing and Binding .....	57,915 75
Confidential Printing.....	3,320 64
Other Printing.....	25,628 83
Lithographing.....	2,069 76
Advertising in Newspapers.....	30,149 31
	<hr/>
Total.....	\$292,227 18

Stock of Stationery on hand 30th June, 1883.....\$ 24,190 53

There is a matter of a special character to which I desire to call the attention of Your Excellency; it is the fact of the printing contracts, namely, those for Departmental printing, printing of the Laws, and of the *Canada Gazette*, expiring on 1st December next. The contracts which had been made between Her Majesty and G. P. Drummond, have been transferred to Messrs. MacLean, Roger & Co., who had practically been executing the work for the contractor. In effecting that transfer, I have been careful to secure the Government against all possible claims, such as have heretofore been preferred, arising out of any misinterpretation of the clauses of the contract.

The importance of these contracts and their near termination naturally suggest the question whether that branch of the Public Service would not be better served by the creation of a Government Printing Bureau. The conditions of such a scheme, both as regards the efficiency and the cost of the work, are now being studied, and if found advantageous, will form the basis of a measure to be submitted to Parliament during this Session.

#### THE STATE ARCHIVES.

The Secretary of State having by law, 31 Vic., chap. 42, the charge of the State Correspondence and of all the State Records and papers of the Dominion, not specially transferred to other Departments, one of my predecessors, organized, in the year 1873, a Bureau of Public Records, of which that portion of the Departmental Records then at the Capital formed the nucleus. At the head of this office was placed Mr. Morgan, with the title of "Keeper of the Records." During this officer's occupation of the position, the collection grew largely, one of the principal additions to it being the State Records of Canada,

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from the establishment of English rule in Canada up to the union of Lower and Upper Canada, in 1841. These valuable and important documents of State were transferred to this Department during the year 1874, to be placed with the national archives of the Dominion. They comprise almost all the official despatches to and from Downing Street, the Minutes of Council, the Proceedings of Parliament and the Letter Books and Registers of the Secretariat, of the eventful period I have mentioned, with a number of other most valuable documents. These State papers had been lying totally uncared for in the old Government House vaults in Montreal, for many years. The present condition and strength of the Record Bureau is made the subject of a report by the Keeper of the Records.

The whole respectfully submitted,

J. A. CHAPLEAU,

*Secretary of State.*

## APPENDIX A.

DEPARTMENT OF THE SECRETARY OF STATE OF CANADA,  
REGISTRAR'S BRANCH,

OTTAWA, 3rd January, 188

To the Honorable,  
The Secretary of State, &c., &c.,  
Ottawa.

SIR,—Herewith I have the honor to submit for your information a Statement of the work performed in this Branch of the Department of the Secretary of State, during the year 1883.

A CONDENSED STATEMENT showing the work done in the Registrar's Branch of the Department of the Secretary of State, from 1st January 1883, to 31st December, 1883.

Documents.	Engrossed.	Recorded.	Total.
Commissions.....	139	139	278
Writs of Elections.....		10	10
Writs of Supersedeas.....	1	1	2
Letters Patent, summoning to Senate.....		3	3
do granting an Annuity.....	1	1	2
Charters.....	49	49	98
Warrants.....	22	22	44
Licenses.....	1	1	2
Leases.....	7	7	14
Bonds (An annual Return under 31 Vic., cap. 37, sec. 15, is prepared for Parliament).....		163	163
Exemplifications.....	27	27	54
Cancellations.....		25	25
Surrenders.....		212	212
Releases.....		7	7
Agreements.....		4	4
Decree of Court.....		10	10
Board of Trade Certificates.....	2	2	4
Power of Attorney.....		1	1
Proclamations.....	38	44	82
Treaties.....		1	1
Pardons.....	2	2	4
Transfers.....	1	1	2
<i>Land Patents.</i>			
Indian Land Sales { A quarterly return of these lands is sent to the Registrars of each County in which Patents have issued. }	265	265	530
Ordnance do	42	42	84
Dominion Land Sales.....	1,058	1,058	2,116
do Grants (33 Vic.).....	114	114	228
Half-breed Allotments.....	148	148	296
Homestead Grants.....	876	876	1,752
do and Wood Lot Grants.....	3	3	6
Wood Lots.....	1	1	2
Commutation Grants (right of common and cutting hay).....	55	55	110
Canadian Pacific Railway Grants.....	98	98	196
North-West Mounted Police Grants.....	15	15	30
Military Bounty Grants.....	8	8	16
Special Grants.....	11	11	22
Total.....	2,984	3,426	6,410

There have also been copied during the year 1,478 pages of manuscript.  
All which is respectfully submitted.

L. A. CATELLIER,  
Deputy Registrar-General of Canada.

## APPENDIX B.

To the Honorable J. A. CHAPLEAU,  
Secretary of State of Canada, &c., &c., &c.

SIR,—I have the honor to submit the following report respecting the printing and other services performed under my superintendence during the year ending 30th September, 1883.

### CANADA GAZETTE.

The volume for this year again exceeds 2,200 pages. The cost of its publication I subjoin.

For paper used.....	\$1,414 24
“ printing and distribution .....	2,181 48
“ translations .....	215 30
	\$3,811 02

The income for the same period was:—

From subscriptions and sales.....	\$2,181 53
“ advertising ....	367 25
	\$2,548 78

For the three months ending 30th September, the cost was \$935.33, and the income from all sources amounted to \$739.27.

The number of Gazettes issued on the 29th day of September last was 1,359; viz., 109 to subscribers and advertisers, and 1,250 gratis to official persons.

### THE STATUTES, &c.

The numbers of the several volumes of the Statutes, passed in the Session of 1883, which were printed, were—

English, Vol. 1.....	17,750	
“ “ 2.....	3,750	
		21,500
French, Vol. 1.....	4,500	
“ “ 2.....	1,250	
		5,750
Making a total of.....		27,250

Of these, there were bound together for the use of Members of the Government, of the two Houses of Parliament, and of the Judges, &c., 3,150 copies of the English edition, and 1,249 of the French, making 4,399 in all, leaving to be separately bound—

Vol. 1, English.....	14,600
“ 2 “ .....	250
“ 2 “ (in sheets folded and gathered).....	350
	15,200

Vol. 1, French.....	3,251	
“ 2 “ .....	1	
		3,252
		<u>18,452</u>

Thus making 18,102 bound volumes, and 350 copies of Vol. 2 in sheets.

I beg leave to refer to the annual statutory return for Parliament, for particulars of the distribution.

This volume was still larger than that of 1882, reaching 797 pages.

The cost was—

For paper .....	\$5,714 33
“ printing.....	1,880 78
“ translation and revision of Order in Council.....	124 25
“ binding.....	3,413 47
“ distribution.....	1,097 65
	<u>\$12,230 48</u>

#### DEPARTMENTAL PRINTING, BINDING, &c.

The subjoined tables show the cost of these services during the financial year, and for the past quarter of the current year. The numbers of requisitions issued during the year were as follows:—

On the printing contractor.....	3,146
“ binding “ .....	1,713
“ stationery office .....	3,732
	<u>8,591</u>

Or 682 more than on the previous year.

#### ADVERTISING.

The number of requisitions upon this office by the various Departments of the Government was 141, each requiring the issue of advertisements to from 1 to 320 newspapers, and the filing, auditing and entering these accounts. The accounts audited and passed numbered 3,857, not taking into account a considerable number audited and rejected for want of authorization.

3,500 advertising and 160 audit circulars have been issued. The table appended shows the result, in money, of the year's work.

The present contract for printing, lately transferred to Messrs. McLean, Roger & Co., Parliamentary Printers, expires on the 1st December next; and tenders for a new contract must be called for during the present year, or other legislative and departmental arrangements made for carrying on this portion of the public service.

It will be seen that the work of this branch of your Department has very considerably increased during the past year, and this increase has been necessarily constant, owing to the increased population and business, public and private, of the Dominion, a fact clearly attested by the series of our reports issued since 1869, the year in which the office was constituted upon its present basis.



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In view of this fact I venture once more to renew suggestions made in former years. 1. That Government stationery offices be opened in each of the principal cities and towns in Canada, at which the Statutes, Separate Acts, Departmental Reports and Canada Gazettes can be ordered and paid for. 2. That these be issued for sale to such Government Stationers, through this office, at as nearly as possible, cost price. In Great Britain these pamphlets are so procurable—all Parliamentary publications at a slight advance on the cost of paper by weight. To distribute fewer of them gratis and sell all at a reduced price would be a sensible, and in the end, most satisfactory economy. It would also reduce the cost of working this office, where now no little time is wasted over the sale of separate Acts of Parliament at 5 to 20 cents each and of Canada Gazettes at 10 cents.

The whole respectfully submitted,

B. CHAMBERLIN,

*Queen's Printer.*

OTTAWA, December, 1883.

Cost of Departmental Printing, &c., by Departments, for the Years ending 30th June, 1882, and 30th June, 1883.

Department.	Printing and Binding.		Stationery for same.	
	1881-82.	1882-83.	1881-82.	1882-83.
<i>At Contract Rates.</i>	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Agriculture .....	2,744 09	3,672 55	1,317 92	1,588 21
Auditor-General.....	290 30	236 22	162 81	135 86
Civil Service Commission .....			12 74	
Clerk of Crown in Chancery.....	301 39	17 75	294 46	16 93
Consolidation of the Laws .....	0 30		1 00	
Customs.....	3,822 31	3,993 06	3,610 73	4,220 25
Finance.....	3,589 89	4,890 36	1,653 54	2,191 85
Governor-General's Secretary.....	251 26	64 81	39 51	21 98
Inland Revenue.....	3,787 95	3,924 01	2,466 15	2,368 17
Indian Affairs.....	1,034 42	1,033 99	891 63	844 26
Interior.....	5,430 27	5,565 67	2,748 21	4,047 48
Justice.....	430 30	572 60	201 11	335 41
Library of Parliament.....	10 42	14 92	6 11	24 41
Marine and Fisheries.....	4,157 17	1,826 97	1,062 18	1,524 44
Militia and Defence.....	1,063 47	1,618 51	869 13	732 12
Post Office.....	20,202 63	23,916 61	16,316 12	24,949 83
Privy Council.....	158 28	412 21	64 33	589 89
Public Works.....	1,878 89	1,756 62	1,226 76	1,001 58
Railways and Canals.....	1,263 20	1,937 51	642 34	840 66
Secretary of State.....	302 74	559 52	289 35	438 88
do Civil Service Board of Examiners.....		111 76		190 92
Supreme Court.....	1,398 42	1,772 65	1,154 80	1,742 67
Departments Generally.....	9 65	17 45	0 78	1 70
<b>Total.....</b>	<b>52,217 35</b>	<b>57,915 75</b>	<b>35,031 71</b>	<b>47,807 50</b>
<i>At Confidential Rates.</i>				
Agriculture.....	10 14	124 29		
Civil Service Commission .....	296 87			
Customs.....	27 50			
Finance.....	105 30	21 63		
Inland Revenue.....		132 10		
Interior.....	158 72	4 20		
Justice.....	76 93	587 09		
Marine and Fisheries.....		5 75		
Militia and Defence.....	124 50	812 05		
Post Office.....		38 00		
Privy Council.....	106 87	663 64		
Railways and Canals .....	7 04	448 11		
Secretary of State.....	86 56			
do Civil Service Board of Examiners.....		483 78		
<b>Total.....</b>	<b>1,000 43</b>	<b>3,320 64</b>		

Cost of Departmental Printing, &c, by Quarters, for the Years ending 30th June, 1882, and 30th June, 1883.

Quarter.	Printing and Binding.		Stationery for same.	
	1881-82.	1882-83.	1881-82.	1882-83.
<i>At Contract Rates.</i>				
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
September Quarter .....	13,429 20	12,060 26	9,551 08	13,032 51
December do .....	13,193 29	13,311 89	9,382 01	11,133 60
March do .....	11,737 23	14,633 96	7,592 08	11,175 10
June do .....	13,867 63	17,909 64	8,506 54	12,466 29
<b>Total</b> .....	<b>52,217 35</b>	<b>57,915 75</b>	<b>35,031 71</b>	<b>47,807 50</b>
<i>At Confidential Rates.</i>				
September Quarter .....	346 59	372 50		
December do .....	237 52	618 41		
March do .....	225 32	1,480 48		
June do .....	191 00	849 25		
<b>Total</b> .....	<b>1,000 43</b>	<b>3,320 64</b>		

Cost of Departmental Printing, &c., by Departments, for the Three Months ending  
30th September, 1883.

Department.	Printing and Binding.	Stationery for Same.
	\$ cts.	\$ cts.
<i>At Contract Rates.</i>		
Agriculture.....	260 09	374 82
Auditor-General.....	66 88	37 50
Customs.....	1,497 34	1,456 61
Finance.....	726 36	500 12
Governor General's Secretary.....	44 80	19 66
Inland Revenue.....	4,854 29	2,143 77
Indian Affairs.....	179 59	199 02
Interior.....	2,088 85	1,785 55
Justice.....	159 01	117 62
Library of Parliament.....	17 53	4 48
Marine and Fisheries.....	302 11	338 50
Militia and Defence.....	455 73	609 10
Post Office.....	4,950 45	4,544 35
Public Works.....	507 96	352 18
Railways and Canals.....	424 41	87 58
Secretary of State.....	169 63	100 25
<b>Total.....</b>	<b>\$16,705 03</b>	<b>\$12,671 11</b>
<i>At Confidential Rates.</i>		
Justice.....	173 59	

STATEMENT of Accounts for Printing work done by others than the Contractors, but sent to this Office for Audit, for the year ending 30th June, 1883.

Month.	Department	Amount.
		\$ cts.
1882.		
July	Post Office	2 50
"	Railways and Canals	37 20
August	Indian Affairs	1 50
"	Interior	25 58
"	Militia and Defence	14 25
"	Post Office	325 20
"	Railways and Canals	229 10
September	Finance	110 00
"	Militia and Defence	2 75
"	Post Office	93 50
"	Public Works	30 00
"	Railways and Canals	22 80
October	Indian Affairs	4 50
"	Justice	308 40
"	Post Office	33 00
"	Public Works	16 00
"	Railways and Canals	122 90
November	Agriculture	2,420 42
"	Finance	69 30
"	Indian Affairs	4 00
"	Interior	12 50
"	Post Office	17 00
"	Public Works	71 25
December	Agriculture	3,207 52
"	Finance	15 00
"	Indian Affairs	1 25
"	Post Office	152 20
"	Public Works	3 00
"	Secretary of State	3,920 88
1883.		
January	Agriculture	1,022 96
"	Interior	7 00
"	Post Office	146 65
"	Railways and Canals	73 01
"	Secretary of State	10 00
February	Agriculture	871 04
"	Indian Affairs	17 50
"	Justice	324 00
"	Militia and Defence	508 75
"	Post Office	116 10
"	Public Works	216 00
"	Railways and Canals	18 65
March	Agriculture	709 60
"	Dominion Lands	1 25
"	Finance	22 50
"	Indian Affairs	1 50
"	Interior	40 65
"	Militia and Defence	12 00
"	Post Office	80 52
"	Railways and Canals	37 11
April	Agriculture	558 50
"	Finance	310 70
"	Interior	26 50
Carried forward		

STATEMENT of Accounts for Printing work done, &c.—*Concluded.*

Month.	Department.	Amount.
	Brought forward .....	\$    cts.
April.....	Inland Revenue .....	113 50
".....	Pacific Railway Commission.....	1,013 16
".....	Post Office.....	114 10
May.....	Agriculture.....	5,255 91
May.....	Finance.....	69 30
".....	Indian Affairs.....	7 00
".....	Post Office.....	32 00
".....	Public Works.....	177 90
June.....	Agriculture.....	956 18
".....	Finance.....	443 60
".....	Justice.....	191 25
".....	Militia and Defence.....	30 70
".....	Post Office.....	85 22
".....	Railways and Canals.....	33 02
	Total.....	\$25,528 83

STATEMENT of Accounts for Printing work done by others than the Contractors, but sent to this Office for Audit, for three months ending 30th September, 1883.

Month.	Department.	Amount.
1883.		\$ cts.
July.....	Agriculture.....	8,663 45
".....	Inland Revenue.....	762 00
".....	Post Office.....	18 00
August.....	Interior.....	9 00
".....	Post Office.....	124 85
".....	Railways and Canals.....	13 00
September.....	Agriculture.....	7,717 46
".....	Public Works.....	276 00
".....	Railways and Canals.....	17 40
	Total.....	\$17,611 16

Cost of Lithographic work, etc., Printing and Stamping ordered through the Office of the Queen's Printer during the Fiscal Year ending 30th June, 1883.

Department.	Amount.
	\$ cts.
Agriculture.....	408 00
Customs.....	106 00
Finance.....	51 50
Interior.....	439 76
Indian Affairs.....	65 00
Post Office.....	7 50
Post Office Savings Bank.....	23 00
Privy Council.....	26 00
Public Works.....	220 00
Railways and Canals.....	197 50
Secretary of State.....	52 50
Miscellaneous.....	11 00
Total.....	\$2,069 76

Cost of Lithographic work, etc., Printing and Stamping ordered through the Office of the Queen's Printer for three months ending 30th September, 1883.

Department.	Amount.
	\$ cts.
Agriculture.....	70 50
Customs.....	30 00
Finance.....	51 05
Interior.....	213 00
Inland Revenue.....	12 82
Indian Affairs.....	41 50
Justice.....	89 00
Marine and Fisheries.....	25 00
Militia and Defence.....	28 50
Post Office.....	6 00
Public Works.....	108 25
Railways and Canals.....	57 50
Total.....	\$733 12



ADVERTISING in Newspapers receiving Government Patronage, from 1st January to 31st December, 1883.

Department.	Ontario.		Quebec.		Nova Scotia.		New Brunswick.		Manitoba.		P. E. Island.		British Columbia.		N. W. Territories.		Miscellaneous.		Total.				
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.			
Agriculture .....	40	00																			79	48	
Customs .....	75	18	1,040	12	64	80	282	76	711	88	48	06	21	20	31	80					711	88	
Finance .....	75	50	12	15					55	12											2,301	03	
Governor-General .....	946	90	374	16			6	00	59	02	13	00									87	66	
Indian Affairs .....	18	72	269	18																	1,339	08	
Inland Revenue .....	927	73	441	51	13	60			337	89	2	00									237	90	
Interior .....	48	60	218	35																	1,948	65	
Justice .....	182	54	206	99	349	50	161	94	8	20	66	06	91	34							1,387	95	
Marine and Fisheries .....	269	32	539	27	5	69	71	70	23	32	3	00	5	85							1,371	92	
Militia and Defence .....	1,875	25	917	10	1,228	95	433	55	354	18	30	43	121	30							4,235	36	
Post Office .....	3,691	42	3,204	79	193	84	1,012	80	182	44	55	87	54	90							8,433	07	
Public Works .....	3,973	82	2,240	88	363	42	204	89	123	22	68	47									*15	31	
Railways and Canals .....	441	18	339	57	62	50	106	66	48	28	17	85	31	47							6,987	18	
Secretary of State .....	12,448	16	9,759	07	2,282	20	2,766	71	1,903	55	321	56	333	62							1,070	11	
																					71	79	
																						30,149	31

\* England, \$7.51; United States, \$7.80.

### APPENDIX C.

DEPARTMENT OF THE SECRETARY OF STATE,  
STATIONERY OFFICE BRANCH,  
OTTAWA, 26th November, 1883.

SIR,—I have the honor to submit the following report of the transactions of this Office for the year ended 30th June, 1883, of which the (three) accompanying tabular statements give full details:—

Value of goods in stock, 1st July, 1882.....	\$18,888 84	
do received during the year.....	109,929 33	
Profit on the year's business.....	2,849 04	
		\$131,667 21
Goods issued to Departments.....	\$23,657 41	
do Outside Service.....	33,046 86	
do Order of Queen's Printer.....	50,772 41	
Value of goods in stock, 30th June, 1883, carried forward	24,190 53	
		\$131,667 21
Showing an increased discharge of goods over last year—		
For Departments.....	\$1,412 90	
Outside Service.....	5,441 76	
Queen's Printer.....	13,642 68	
		\$20,497 34

The number of requisitions received and executed during the year was 8,369; of parcels packed and despatched for the Outside Service, 4,197, and 53 cases.

The waste paper collected amounted to 67,743 lbs., for which \$842.15 has been received and deposited to the credit of the Receiver-General.

I have the honor to be, Sir,

Your obedient servant,

JAMES YOUNG.

The Hon. J. A. CHAPLEAU,  
Secretary of State for Canada, &c., &c.

## GOVERNMENT STATIONERY OFFICE.

STATEMENT of Expenditure for, and Issue of, Goods in each Month of the Year ended 30th June, 1883.

	Goods Entered.		Goods Issued.
	Sterling.	Currency.	
	£ s. d.	\$ cts.	\$ cts.
1882.			
July .....	686 2 10	4,404 09	10,785 36
August .....	1,403 10 6	5,331 90	8,858 16
September .....	656 3 6	3,668 19	6,057 43
October .....	1,475 5 9	4,890 85	9,621 12
November .....	734 4 5	4,449 74	7,378 52
December .....	377 1 11	5,835 68	11,023 79
1883.			
January .....	1,138 10 2	5,893 46	9,632 28
February .....	194 5 8	4,681 43	7,458 49
March .....	618 0 11	5,716 84	8,795 28
April .....	1,486 5 7	3,722 78	9,485 45
May .....	629 7 3	8,785 82	12,411 00
June .....	721 14 8	3,294 70	5,969 80
Net expenditure in currency .....		60,675 48	
do sterling .....	10,120 13 2	49,253 85	
Total expenditure .....		109,929 33	
Stock brought forward, 1st July, 1882 .....		18,888 84	
Profit on the year's business .....		2,849 04	
Total issue of goods .....			107,476 68
Stock carried forward, 30th June, 1883 .....			24,190 53
		131,667 21	131,667 21

## GOVERNMENT STATIONERY OFFICE.

STATEMENT of Expenditure for, and Issue of Goods in each Month of the Year ended  
30th June, 1883.

	Goods Entered.			Goods Issued.
	Sterling £ s. d.			\$ cts.
1882.				\$ cts.
July.....	686	2 10	4,404 09	10,785 28
August.....	1,403	10 6	5,331 90	8,858 16
September.....	656	3 6	3,668 19	6,057 43
October.....	1,475	5 9	4,890 85	9,621 12
November.....	734	4 5	4,449 74	7,378 52
December.....	377	1 11	5,835 68	11,023 79
1883.				
January.....	1,138	10 2	5,893 46	9,632 28
February.....	194	5 8	4,681 43	7,458 49
March.....	618	0 11	5,716 84	8,795 28
April.....	1,486	5 7	3,722 78	9,485 45
May.....	629	7 3	8,785 82	12,411 00
June.....	721	14 8	3,294 70	5,969 80
Net expenditure in currency.....			60,675 48	
do sterling.....	10,120	13 2	49,253 85	
Total expenditure.....			109,929 33	
Stock brought forward 1st July, 1882.....			18,888 84	
Profit on the year's business.....			2,849 04	
Total issue of goods.....				107,476 68
Stock carried forward 30th June, 1883.....				24,190 53
			131,667 21	131,667 21
1883.				
July.....	925	12 0	3,850 71	9,621 88
August.....	594	15 7	7,688 27	12,364 57
September.....	480	8 1	4,577 57	7,360 74
October.....	1,073	12 8	2,758 80	7,752 75
November.....	455	0 7	3,958 39	6,931 56
December.....	241	17 3	5,926 33	8,208 43
Expenditure for half year's currency.....			28,760 07	
do do sterling.....	3,771	6 2	18,353 70	
Total expenditure.....			47,113 77	
Total issue of goods for half year.....				52,239 93
Stock brought forward 1st July, 1883.....			24,190 53	
Stock carried forward 31st December, 1883.....				19,064 37
			71,304 30	71,304 30

GOVERNMENT STATIONERY OFFICE—Continued.

GENERAL STATEMENT of Accounts, exhibiting Details of Expenditure, for Goods Received and Value of Goods Issued to the Civil Service, during the Year, from the 1st July, 1882, to 30th June, 1883.

Class of Goods.	Sterling. £ s. d.	\$ cts.	Departments.	\$ cts.	\$ cts.
To Book papers.....	1,287 9 3	1,103 10	By Agriculture.....	1,589 64	403 12
Foolscap do .....	2,368 6 5	2,366 21	do Census Branch.....	.....	86 93
Double cap do .....	396 15 2	257 25	do Immigration Branch.....	.....	4,445 96
Posts folio do .....	588 3 0	572 32	Customs.....	988 49	.....
Special do .....	757 6 6	322 50	Finance.....	1,959 24	.....
Printing do .....	337 7 1	11,642 26	do Treasury Board.....	4 50	.....
Loan do .....	142 11 3	61 51	do Insurance Branch.....	.....	140 20
Blotting do .....	24 11 3	845 18	Governor-General's Office.....	331 17	.....
Copying do .....	83 17 8	116 80	Government House.....	276 39	.....
Manilla do .....	16 17 7	3,650 07	Inland Revenue.....	1,102 89	.....
Carriage do .....	41 3 1	271 88	Justice.....	751 26	.....
Cut papers, 4 to and 8 to .....	937 0 4	99 00	do Penitentiaries Branch.....	96 84	.....
B. B. papers and envelopes.....	75 16 10	105 85	do Kingston Penitentiary.....	.....	322 86
Envelopes.....	57 10 3	15,449 43	do St. Vincent de Paul Penitentiary.....	.....	293 10
Parchment and buckram.....	180 17 6	.....	do Dorchester do .....	.....	28 03
Drawing papers.....	330 8 8	360 65	do Manitoba do .....	.....	135 92
do materials and instruments.....	102 6 6	224 99	do British Columbia do .....	.....	7 27
Colours, India ink, &c.....	465 1 8	223 60	do Dominion Police.....	.....	80 82
Pens, steel and quill.....	186 9 8	689 50	do Supreme Court.....	.....	513 05
Pen holders.....	30 1 10	1,021 60	do North-West Territories.....	.....	1 20
Sundries, A. and B.....	66 16 1	126 90	do Consolidation of Dominion Statutes.....	.....	48 81
Guardboard and cards.....	25 13 8	628 19	Marine and Fisheries.....	1,422 32	.....
Sundries, C.....	31 4 6	292 07	Militia and Defence.....	1,431 81	.....
Cheque books.....	9 3 2	108 77	do Adj't. General's Office.....	100 91	.....
Copying materials and presses.....	9 1 6	60 00	Privy Council.....	646 37	.....
Sundries D, and diaries.....	248 7 0	1,108 08	Public Works.....	1,767 52	.....
Elastic bands.....	79 17 11	491 69	Railways and Canals.....	1,938 14	.....
Sundries, E.....	79 4 8	12 50	Canadian Pacific Railway.....	.....	.....
Pasteners.....	44 17 0	3,669 63	Post Office.....	2,721 85	.....
Files and folders.....	.....	66 08	do Savings Bank Branch.....	321 37	.....
.....	.....	128 25	do Money Order do .....	257 28	.....
.....	.....	996 06	Secretary of State.....	643 72	.....
.....	.....	.....	.....	.....	928 86

Gum and mucilage.....	371 82	do	Registrar's Branch.....	90 33
do bottles and brushes.....	157 81	do	Queen's Printer's Branch.....	69 13
Ink.....	807 07	do	do do for Dept's.....	47 18
Ink glasses and stands.....	322 58	do	Stationery Office.....	3,808 41
Sundries, L.....	228 90	do	High Commissioner of Canada	2,813 50
Knives, pocket.....	48 24	do	Interior.....	1,730 88
do desk and crasers.....	2 50	do	do Dominion Lands Branch.....	456 72
Scissors.....	39 90	do	do Ordnance do.....	72 25
Sundries, L.....	210 90	do	do North-West Police Branch.....	865 91
Memo. books, &c.....	366 18	do	do Geological Survey do.....	49 18
Needles, newsrappers.....	211 55	do	do do North-West Government.....	278 61
Sundries, P.....	413 23	do	Indian Affairs.....	635 04
Rulers.....	17 50	do	Civil Service Board.....	3 72
Sundries, S.....	760 53	do	Clerk of the Crown in Chancery.....	278 19
Tape, taste, &c.....	2,940 60	do	Departments generally.....	1,000 26
Tapers, thermometers, &c.....	44 95	do	Library of Parliament.....	83,819 27
Wax, wafers and vestas.....	65 06	do	Auditor-General.....	23,687 41
Blank books.....	1,367 8	do	Charges of Management.....	107,476 68
Almanacs and annuals.....	99 14	do	Refunds - Agriculture.....	150 83
Printed books.....	2,693 74	do	do Customs.....	2 28
Printing and ruling.....	113 67	do	do Finance.....	1 00
Stamping, engraving, &c.....	1,179 10	do	do Justice.....	842 15
Sundries.....	253 26	do	do do Law Clerk of Senate.....	4 00
Cases.....	53 93	do	do Marine and Fisheries.....	11 37
Charges, insurance, &c.....	128 83	do	do Railways and Canals.....	20 20
Freight.....	3,287 15	do	do Canadian Pacific Railway.....	83,819 27
Discounts.....	63,224 5	do	do Interior.....	23,687 41
Net total Currency.....	2,519 10	do	do North-West Police.....	107,476 68
do Sterling.....	60,675 48	do	Total Outside Service.....	150 83
do Expenditure.....	49,253 83	do	do Departments.....	2 28
	109 929 33	do	do Discharge of Goods.....	1 00
		do	To Refunded by Departments.....	842 15
		do	do C. P. Railway, freight overcharged	4 00
		do	do E. Fridham, goods do	1,000 26
		do	Waste paper sold.....	
		do	do cases sold.....	
		do	By Deposited to Credit of Receiver-General.....	



Interior	984 86	3,808 41	2,813 50	2,823 55	889 12	1,818 21
do Dominion Lands Branch	1,818 21	51 97	1,739 88	.....	.....	29 07
do Ordnance	81 04	.....	72 25	.....	.....	7 25
do North-West Mounted Police	.....	.....	455 72	.....	.....	166 17
do do Toronto	.....	.....	865 91	.....	.....	269 18
do Geological Survey	656 53	921 73	.....	265 20	.....	.....
do do	704 42	643 72	.....	.....	60 70	.....
do Registrar's Branch	204 94	90 33	.....	.....	114 61	.....
do Queen's Printer's Branch	59 49	69 13	.....	.....	.....	.....
do do for Departments	.....	.....	50,772 41	13,642 68	.....	.....
do Stationery Office Branch	25 72	47 18	.....	21 46	.....	.....
do do	.....	.....	11 00	.....	.....	.....
do High Commissioner for Canada	.....	.....	226 14	236 14	.....	.....
Board of Civil Service Examiners	.....	.....	.....	.....	.....	.....
Civil Service Commission	.....	.....	.....	.....	.....	1 44
Auditor-General	410 46	635 04	3,677 48	234 58	2,464 58	.....
Finance—Charges of Management	47 78	.....	49 18	.....	*47 78	.....
Clerk of the Crown in Chancery	19 17	3 72	278 61	.....	15 45	.....
Civil Service Board	211 45	.....	.....	.....	*211 45	.....
Library of Parliament	235 68	278 19	.....	42 51	.....	.....
Departments generally	.....	.....	160 83	.....	.....	43 40
Refunds	.....	194 23	.....	.....	.....	.....
Total Issue to Departments	22,244 51	23,657 41	83,819 27	7,023 36	.....	.....
do Outside Service	.....	.....	.....	.....	.....	4,246 79
Increase for Departments	64,734 83	.....	.....	.....	23,331 23	.....
do Outside Service	.....	.....	.....	.....	.....	.....
Decrease for Departments	.....	.....	.....	.....	.....	.....
do Outside Service	.....	.....	.....	.....	7,023 36	.....
Gross Increase	.....	.....	.....	.....	30,354 59	5,610 46
do Decrease (deduct)	.....	.....	.....	.....	9,827 25	9,857 25
Net Increase	.....	.....	.....	.....	20,497 34	.....

\*1—Finance Insurance Branch Account, removed from Inside to Outside Service—actual decrease is..... \$ 13 31  
do do do do increase is..... 122 07  
2—Government House do do do do ..... 1 40  
3—Clerk of the Crown in Chancery Acct., do do do do ..... 67 16  
4—Library of Parliament do do do do .....



## APPENDIX D.

## THE RECORDS OF CANADA.

This Branch of the Department of the Secretary of State, upon which I have the honour to report to you, viz., the Bureau of Public Records, is more important than is generally conceded, and every day its importance increases. Annually over 8,000 records are added to the already very voluminous collection.

The Bureau of Public Records was created agreeably with the terms of the Statute of 1868, 31 Vic., cap. 42, sec. 3, which enacted, "That it shall be the duty of the Secretary of State to have charge of the State Correspondence, to KEEP ALL STATE RECORDS AND PAPERS, not specially transferred to other Departments," and an officer, with the title of "Keeper of the Records," was in due course appointed to carry out the provisions of the Act.

There are two kinds of records—those that may *de facto* be called "*Old Records*," and solely in my charge, and those in course of being dealt with, or "*New Records*." These are received, registered and indexed in the Correspondence Branch of the Department, and are retained under its control for two years. At the expiration of that period, they are sent to the Keeper of the Records, and become part of the State Archives of Canada.

An approximate idea of the importance of this Branch may be formed from the following details:—

The papers and documents, printed or written on record, date from the cession of Canada, 1763, and for convenience of reference and of classifying, I have divided them roughly into three periods: the first extending from the cession to the Union, 1763 to 1840; the second, from the Union to Confederation, 1841 to 30th June, 1867, and the third, from 1st July, 1867, to the present time. A more critical and methodical division will have to be made in course of time. Of the periods above indicated, the following records, letter books and registers are extant:—

	First Period.	Second Period.	Third Period.
Records .....	336,000	139,825	57,102
Letter books.....	350	84	32
Registers .....	.....	53	15

In addition to these there are 9,575 books, bound and unbound, besides many other important documents, which cannot strictly be termed records.

A perusal of the correspondence of that period, from 1763 to 1840, would well repay the student of our history. An instance of its interest is to be found in the following fact, which I do not remember to have seen related by any of our chroniclers or historians, but which is on record in one of the early registers.

In the summer of 1799, a party of French Royalists came from England to settle in Canada. The party consisted in all of 38 individuals, including some English servants; lands were allotted them in the Townships of Windham and Niagara. Some of these Royalists bore distinguished names: there were the Count de Puisaye, Lieutenant-General, the Count de Chalus, Major-General, the Viscount and Mme. la Vicomtesse de Chalus, Mr. d'Allègre, Mr. de Marseuil, Mr. Quèton de St. Georges, Mr. de Farcy, Mr. de la Richérie. Amongst those who had abandoned the enterprise were the Marquis and Mme. la Marquise de Beaupoil, Mr. de St. Victor, Mr. de St. Aulaire and Mr. de Beaupoil. What has become of those noblemen? Are there any of their descendants yet in the Dominion? Did these settlers progress and thrive in their new home, or did they, as unfortunately many others have done, become extinct?

This is only one of the many curious details to be found strewn through the old records, and I am of opinion that a greater light will be thrown on many incidents of our history when these documents are intelligently catalogued and indexed.

From the preceding remarks and information, it will be seen that the present accumulation of documents of all kinds is very large, and necessitates most imperatively a uniform system of codification, registration and indexing. With two exceptions, there are Annual Registers with indices, dating from 1840, but the systems have not been uniform. I, therefore, propose at the earliest possible moment to complete a general index for each period or sub-division of periods, so that reference will be easy and searches facilitated.

The labour of such a work will be enormous; the classifying, in many cases the précising, and the indexing of over half a million of records is no easy task, but it must be undertaken, if the state of confusion and complete disorder in which this branch is, is to be remedied.

I have already commenced to arrange a general index, from 1st July, 1867, to date, deeming that to be of the greatest utility. I have allowed the details of the first two periods to remain in abeyance. The preparatory work is done and the index is now being proceeded with daily. It is to be of a threefold nature: an index by names, one by subjects, and one by localities. On its completion, a similar work will be initiated for the other periods. I do not expect, as I have only one assistant, and as with every year the Records assume larger proportions, to be in a position, even in five years hence, to commence the classification, précising and indexing of the Records of the first period, namely: that from the cession to the Union, 1763 to 1840.

Before closing my Report I would urge the expediency of adding to the Records a complete collection of:—

1. The Statutes of the Dominion of Canada.
2. The Edits and Ordonnances and Statutes of the different Provinces.
3. The Journals of the Senate and House of Commons and of the Provincial Legislatures.
4. The Sessional Papers of the Dominion and of the Provincial Legislatures.
5. The Departmental and Special Reports.
6. The Debates of the different Houses.
7. Maps of the Dominion and its Provinces, Geographical, Topographical, &c., &c.

A considerable number of the 9,575 volumes bound and unbound, now in the office, may be available for the purpose, and it would be a comparatively easy task to complete the different series within the year.

The whole respectfully submitted,

A. AUDET,  
*Keeper of the Records.*

## APPENDIX E.

## SCHEDULE of Addresses of the Senate during the Session of 1883.

Subject.	Number Voted.	Number of Returns made.	Number of Pages of Foolscap contained in Returns.	Remarks.
Canals.....	1	1	308	And printed Pamphlets, Maps, &c.
Lands.....	2	1	21	
Militia.....	2	2	42	
Miscellaneous.....	6	4	68	
Post Office.....	1	1	53	
Public Works.....	1	1	98	
<b>Total.....</b>	<b>13</b>	<b>10</b>	<b>590</b>	

## SCHEDULE of Addresses and Orders of the House of Commons during the Session ending the 25th day of May, 1883.

Subject.	Number Voted.	Number of Returns made.	Number of Pages of Foolscap contained in Returns.	Remarks.
Banks.....	1	1	5	Tabulated Statement, additional.
Boundaries.....	1	1	15	
Breakwaters.....	3	2	45	do do
Buoys and Beacons.....	1	1	20	
Civil Service.....	1	1	1	
Canals.....	2	2	39	
Coal.....	3	3	2,563	do do
Customs.....	23	10	30	do do
Extradition.....	1	1	8	
Elections.....	4	3	1	do do
Fisheries.....	9	7	246	And printed matter.
Harbours.....	7	5	177	Plans, additional.
Imports and Exports.....	3	3	.....	Tabulated Statement, additional.
Immigration.....	4	4	124	
Judges.....	3	2	72	
Lands.....	21	9	378	do do
Lighthouses.....	5	3	23	
Miscellaneous.....	53	38	1,489	
Militia.....	13	12	368	
Marine and Fisheries.....	2	1	2,000	do do
Post Office.....	7	1	19	
Public Works.....	3	1	2	
Piers and Wharves.....	5	4	195	Tabulated Statement and Plans additional.
Receipt and Expenditure.....	1	1	.....	Tabulated Statement, additional.
Railways.....	28	23	833	Tabulated Statement and Plans, additional.
Tobacco.....	3	3	210	
Telegrams.....	1	1	8	
Treaties.....	1	1	9	
	<b>209</b>	<b>144</b>	<b>9,180</b>	

APPENDIX F.

SYNOPSIS of Returns to Addresses, etc., presented to the House of Commons, Session 1883.

Ref. No.	Subject.	Date of Address and Receipt.	Mover.	Department referred to and date.		Return.		
				Department.	Date.	Received.	Dated.	Presented.
1	Disasters to Canadian vessels navigating the Great Lakes, &c.	Feb. 13-14...	Mr. Dawson	Marine and Fisheries	Feb. 14...	March 22	March 24	March 29
2	Correspondence between Governments of Dominion, Ontario and Quebec re Land Improvement Fund	Feb. 16-17...	Mr. Hesson	Finance	Feb. 17...	Feb. 20	Feb. 20	Feb. 20
3	Dismissal of Mr. O. C. de la Chevrotière, as Lighthouse Keeper, Lothbinière	do	Mr. Rinfret	Marine and Fisheries	Feb. 19...	March 3	March 3	March 28
4	Veterans now serving, and of those who died since 1875—Widows of &c.	do	Mr. Massue	Militia	do	Feb. 26	Feb. 26	Feb. 27
5	Accounts of Drs. Lebel and Renouf for attendance on one Drouane (Intercolonial Railway)	do	Mr. Amyot	Railways and Canals	do	March 22	March 24	March 29
6	Claims arising out of construction of Intercolonial Railway—all Correspondence, &c.	Feb. 19-20...	Mr. Blake	do	Feb. 20...	do 14	do 14	do 15
7	Canadian Extradition Act, and suspension of Imperial Act within Canada	do	do	Justice	do	do 1	do 1	do 1
8	Seizures at Ports of Entry, for last fiscal year and six months, ending 31st Dec.	do	do	Customs	do	do 7	do 7	do 7
9	Sums expended in connection with the Canadian Pacific Railway Commission, &c.	do	do	Auditor-General	do	Feb. 22	Feb. 22	Feb. 28
10	Coal lands in the North-West	do	do	Interior	do	April 23	April 23	April 25
11	Copies of Documents relating to the granting by the Imperial Government to the Dominion Government, and by the latter to the Provincial Governments, of lands in which is located "Frontenac Terrace," Quebec	Feb. 20-21...	Mr. Amyot	Interior and Militia	Feb. 21 } March 19 }	May 10	May 10	ay 14

SYNOPSIS of Returns to Addresses, etc., presented to the House of Commons, Session 1883—Continued.

Ref. No.	Subject.	Date of Address and Receipt.	Mover.	Department referred to and date.		Return.		
				Department.	Date.	Received.	Dated.	Presented.
12	Receipts from sale, &c., of Ordnance and Naval Reserves in Ontario, Quebec, New Brunswick and British Columbia, from 1st July, 1856, to 1st July, 1882..	do	Mr. O'Brien	Interior	Feb. 21...	April 10	April 13	
	Supplementary .....	do	do	do	.....	May 4	May 16	
13	Applications for land for Colonization under Plans 1 and 2 of Land Regulations.....	do	Mr. Cameron	do	do	April 16	April 17	
14	Number of acres of Public Lands sold during 1882, &c.....	do	do	do	do	do	23 Jan. 23, '84	
15	Form of Patent arrangement between Companies and Government respecting Colonization Grants .....	do	do	do	do	May 5	do	16
16	Correspondence respecting removal to Richmond, Halifax, of Wm. D. McCaulum, Chief Train Despatcher at Truro.	do	Mr. Forbes	Railways and Canals.....	do	March 21	March 28	
17	Names, &c., of Militiamen of 1812, who received Pensions during last fiscal year	do	Mr. Bourassa	Militia.....	do	do	do	9
18	Correspondence as to construction of addition to Pier of St. Jean, Port Joli.....	do	Mr. Casgrain	Public Works.....	Feb. 22...	do	do	15
19	Claims presented for Drawbacks on Goods manufactured for Export since 2nd March, 1882 .....	Feb. 21-22...	do	do	do	do	do	27
20	Correspondence with Mr. J. A. Miller, late Justice, Court of Queen's Bench, Man.	do	Mr. Patterson	Customs.....	do	April 27	April 27	
21	Statement of Records of Elections to present House of Commons, of Votes polled for Counties in several Electoral Districts	do	Mr. Blake	Justice .....	do	March 24	March 24	
22	Sums paid to Hon. John O'Connor since his retirement from office.....	do	do	Clerk of the Crown in Chancery .....	do	April 9	April 9	
23	Statement in detail in re Commission to Hon. Jas. Cockburn, to consolidate Statutes .....	do	do	Interior .....	Feb. 27...	do	do	17
24	Manufacture of great guns for Government of Canada .....	do	do	Justice .....	Feb. 22...	March 21	March 21	
		do	do	Militia.....	do	May 16	May 16	

25	List of Returning Officers appointed for General Election of 1862, other than Registrars and Sheriffs, &c.	do ...	do ...	March 5	March 5	March 5
26	Returns by Banque de St. Jean since 1875, made to Government.	do ...	Mr. Bergeron .....	do ...	do ...	do ...
27	For information as to season of navigation of Hudson's Bay, its resources, &c.	do ...	Mr. Dawson .....	do ...	May 7	May 7
28	Judgments in case of Russell and The Queen in Supreme Court of Canada and the Privy Council.	Feb. 22-23...	Mr. Blake .....	Feb. 23...	April 9	April 9
29	Persons in Customs Department, City of Montreal, employed as Supernumerary Clerks.	Feb. 23-24...	Mr. Curran .....	Feb. 24...	March 16	March 16
30	Correspondence between Government of British Columbia and Dominion Gov- ernment respecting Immigration (Chi- nese, &c).	Feb. 23-24...	Mr. Shakespear .....	Feb. 24	April 30	April 30
31	Maps showing location of Canadian Pacific Railway so far as constructed or ap- proved.	do ...	Mr. Blake .....	do	May 9	May 9
32	Correspondence between Governments of United Kingdom and Canada, and be- tween Government of Canada and High Commissioner, as to commercial arrangements with France, Spain, &c.	do ...	do .....	do	April 24	April 24
33	Receipts and Expenditure chargeable to Consolidated Fund, from 1st July, 1882, to 20th February, 1883.	do ...	Mr. Burpee, St. John .....	Feb. 24	Feb. 26	Feb. 27
34	Imports and Exports, from 1st July, 1882, to 1st Jan., 1883.	do ...	do .....	do	April 25	April 25
35	Tons of Coal exported from each Port of Nova Scotia, for year ending 30th June, 1882.	do ...	do .....	do	March 3	March 3
36	Claims for drawback on materials for Shipbuilding, for year ending 30th June, 1882.	do ...	do .....	do	do	do
37	Revenue and Expenditure, Intercolonial Railway, accrued for six months of each year ending 31st December, 1880- 81-82.	do ...	do .....	do	do	do
38	Rolling Stock purchased for Intercolonial Railway, for year ending 31st Dec., 1882.	do ...	do .....	do	do	do
39	Correspondence as to dismissal of Wm. D. McMillan as Fishery Overseer, and appointment of David Baker.	do ...	Mr. Holton .....	do	do	do
40	Statement of Coal entered ex-warehouse, free for exportation, for years ending 30th June, 1861-62.	Feb. 26-27...	Mr. Burpee, St. John .....	Feb. 27	May 5	May 7

Synopsis of Returns to Addresses, etc., presented to the House of Commons, Session 1883—Continued

Ref. No	Subject.	Date of Address and Receipt.	Mover.	Department referred to and date.		Return.		
				Department.	Date.	Received.	Dated.	Presented
41	Correspondence with any Department, within past four years, respecting Buoys and Beacons, North Channel, Lake Huron .....	do	Mr. Dawson .....	Marine and Fisheries .....	do	April 14	April 14	April 20
42	Correspondence between any Member of the Government and Licensed Victuallers, on the subject of legislation affecting sale of liquors.....	do	Mr. Blake .....	Inland Revenue.....	do	March 3	March 5	March 29
43	Statement of distilled, &c., Liquors imported into and taken for consumption in Canada from 1868 to 1882.....	Feb. 26-27...	Mr. Foster.....	Customs and Inland Revenue .....	Feb. 27...	March 24	March 24	March 29
44	Correspondence with Government in 1882 respecting Railway Bridge over St. John .....	do	Mr. Burpee, St. John.....	Railways and Canals.....	do	do	do	do
45	Return of persons appointed permanently, or employed temporarily in the Customs, Post and Inland Revenue Offices, Montreal, since 1st May last to 20th February, 1883 .....	do	Mr. Coursol .....	Customs, Inland Revenue and Post Office.....	do	May 10	May 10	May 11
46	For Correspondence re Hydrographical Survey of Great Lakes, River and Gulf of St. Lawrence .....	Feb. 27-28 ..	Mr. Fortin .....	Marine and Fisheries .....	Feb. 28...	April 3	April 3	April 3
47	Licensed Tobacco Manufactories in which Canadian Leaf is used exclusively....	Feb. 28 } March 1 }	Mr. Gigault .....	Inland Revenue.....	March 1...	March 3	March 3	March 5
48	Correspondence re appointment of Hon. Hector Fabre to position he now occupies in France .....	do	Mr. Casgrain.....	Secretary of State.....	do	do	do	do
49	Statement of Expenditure for each month elapsed, for current fiscal year. On telegrams, Department of Public Works .....	do	Mr. Blake .....	Public Works.....	do	May 8	May 9	May 22
50	Return of Immigration Agents and employes who received pay during calendar years 1881-82 .....	do	Mr. Burpee, Sunbury.....	Agriculture.....	do	do	do	do

51	Correspondence re establishment of Steamship Communication between Montreal, Quebec, St. John, N.B., Halifax, and German Sea Ports	March 1-2...	Mr. Kranz	Finance	March 2...	April 5	April 5	April 5
52	Correspondence between Judges of the Maritime Court of Ontario and the Government in re Rules of said Court at Quaco, N.B.	March 2-3...	Mr. Cameron, Huron	Justice	March 5...	May 18	May 18	May 18
53	Tenders for re-building of the Lighthouse at Quaco, N.B.	do	Mr. Weldon	Marine and Fisheries	do	March 22	March 24	March 29
54	Advertisement—Contract for building Steamer to replace "Glendon"	do	do	do	do	April 30	April 30	April 30
55	Amount paid for damages for lands taken on Mill and Pond Streets, N.B., for Intercolonial Railway	do	do	Railways and Canals	do	do	do	do
56	Tenders, construction of Freight Sheds, &c., Intercolonial Railway, St. John, N.B.	do	do	do	do	do	do	do
57	Causes tried at County Courts of Counties of King's and Albert since 1st June, 1882, &c.	March 2-3...	Mr. Weldon	To Lieutenant-Governor of New Brunswick	March 7...	April 9	April 9	April 10
58	Advertisements—Construction of Breakwater at Port Lorne, Nova Scotia	do	do	Public Works	March 3	March 21	March 21	March 29
59	Papers relating to building of new Harbor at Guysboro' County, Nova Scotia	March 5-6...	Mr. Kirk	do	March 6...	do 21	do 22	do 29
60	Copies of Official Memorandum, Canadian Pacific Railway Company, 12th Dec., 1882, describing its position and prospects	do	Mr. Blake	Railways and Canals	do	April 30	April 30	April 30
61	Survey of proposed branch of Railway between Harmony Station, Prince Edward Island, to Elmira	do	Mr. McIntyre	do	do	do 19	do 19	do 19
62	Instructions to Inspectors as to enforcement of Order in Council, 11th June, 1879, as to fishing for Salmon, except under lease from the Department of Marine and Fisheries	March 6-7...	Mr. Weldon	Marine and Fisheries	March 7...	May 2	May 2	May 5
63	Return of Casualties to trains by collision on Intercolonial Railway, from 1st March to 1st July, 1882	do	do	Railways and Canals	do	March 28	March 29	March 29
64	Correspondence in re establishment of Life Saving Stations on Coasts of Lake Huron, &c.	do	Mr. Platt	Marine and Fisheries	do	May 11	May 11	May 11
65	Correspondence between Government of Nova Scotia and Departments of Railways and Public Works, as to transfer of Branch Line of Railway between Truro and Pictou, &c.	do	Mr. McDonald, Cape Breton	Railways and Canals	do	April 20	April 20	April 20



SYNOPSIS of Returns to Addresses, etc., presented to the House of Commons, Session 1883 — Continued.

Ref. No.	Subject	Date of Address and Receipt	Mover	Department referred to and date.		Return.		
				Department.	Date.	Received.	Dated.	Presented.
66	Copies of Orders in Council affecting certain items in Public Accounts, for fiscal year ended 30th June, 1882.....	March 7-8...	Mr. Rykert.....	Auditor-General.....	March 8...	March 8	March 8	March 8
67	Copies of Orders in Council affecting certain items in Statement of payments charged to Unforeseen Expenses.....	do ...	do .....	do .....	do ...	do	do	do
68	Copies of Orders in Council affecting certain items in the Statement of Governor-General's Warrants issued during fiscal years 1881-82 and 1882-83.....	do ...	do .....	do .....	do ...	do	do	do
69	Reports as to construction of a Wharf at St. Anne, River Saguenay.....	do ...	Mr. Gagné.....	Public Works.....	do ...	April 28	April 28	April 30
70	Correspondence <i>in re</i> "Charybdis".....	do ...	Mr. Cameron, Huron.....	Marine and Fisheries.....	do ...	May 8	May 9	May 16
71	Correspondence as to appointment of Dominion Bailiffs to take prisoners from County Jails to Penitentiaries.....	do ...	Mr. Casey.....	Justice.....	do ...	March 27	March 27	March 29
72	Supplemental Return..... Copy of contract for building Drill Shed, at Iona, Ontario.....	do ...	do .....	do .....	do ...	April 11	April 11	April 11
73	Correspondence, erection of Semaphores on Wharf at Rivière du Loup and Brandy Pots.....	March 7-8....	Mr. Casey.....	Militia.....	March 8...	March 19	March 20	March 21
74	Correspondence as to Pilots and Pilotage, British Columbia.....	do ...	Mr. Grandbois.....	Public Works.....	do ...	April 6	April 7	April 9
75	Return of Petitions respecting new Guns for the Richmond Field Battery.....	March 14-15.	Mr. Baker (Victoria).....	Marine and Fisheries... ..	March 15...	May 9	May 9	May 11
76	Report as to movement of ice at wharves at Rivière du Loup and Rivière Ouelle.....	do ...	Mr. Ives.....	Militia.....	do ...	April 10	April 10	April 13
77	Petitions from Province of Quebec as to Legislation as to intoxicating liquors.....	do ...	Mr. Grandbois.....	Public Works.....	do ...	April 6	April 7	April 9
		do ...	Mr. Gigault.....	Secretary of State.....	do ...	April 10	April 10	April 13

78	Correspondence relating to claim made by Government of Prince Edward Island for refund of expenditure upon Wharves and Piers, and also maintenance of short term Prisoners.....	March 15-16, Mr. McIsaac.....	{ Clerk of Privy Council and Justice. }	March 16.. } April 30.. April 30.. }	April 30 April 30
79	Engineers Report of Survey at Summerside Harbour, Prince Edward Island.....	do ... Mr. Hackett.....	Public Works.....	March 16.. } May 16.. May 16.. }	March 24 March 29 May 16 May 16
80	Correspondence for permission to cut timber or to Mine on lands on Territory in dispute with Ontario.....	do ... Mr. Jackson.....	Interior.....	do ...	May 12 May 16
81	Correspondence as to Surveys made in 1882 for Canal between Lakes Shushwack and Okanagan, British Columbia.....	do ... Mr. Barnard.....	Railways and Canals.....	do ...	April 10 April 10
82	Petitions as to assumption by Government of payment of amount granted Pembroke in aid of Canada Central Railroad.....	do ... Mr. Blake.....	do .....	do ...	April 2 April 3
83	Copies of Tenders for purchase of blankets for Militia during recess.....	do ... do .....	Militia.....	do ...	April 3 April 10
84	Correspondence, duties on Salt.....	do ... M. Wheeler.....	Customs.....	do ...	April 2 April 3
85	Return of Accidents and Casualties on Grand Trunk Railway involving loss of life and property.....	do ... Mr. Mitchell.....	Railways and Canals.....	do ...	April 6 April 7
86	Correspondence between Grand Trunk Railway of Canada and the Government, as to purchase of Rivière du Loup branch of said Railway.....	do ... do .....	do .....	{ April 6 April 7 } { and Sup- and Sup- } { plement- plement- } { ary return ary return }	April 9 April 9
87	For correspondence on subjects stated in advertisement in <i>Canada Gazette</i> of 3rd March inst., of H. W. Taylor and J. B. Benton, President and Secretary Grand Trunk Railway of Canada, calling meeting of said Company at London, 29th March inst., respecting purchasing of bonds of certain railway companies.....	March 15-16 Mr. Mitchell.....	Railways and Canals.....	March 16. April 9....	April 9.... April 9....
88	Copies of Orders in Council as to change of Mail Carriage since 1st. September, 1882, from railway to horse carriage, in Prince Edward Co.....	do 19-20, Mr Platt.....	Postmaster-General.....	do 20....	May 22.... May 22....
89	Correspondence—Application of John Stewart, one of the volunteers of 1837-39, for assistance.....	do ... Mr. Wallace.....	Militia.....	do 20....	April 10.... April 13....
90	Correspondence as to claims of each Provincial Government against the Dominion for repayment of sums expended for administration of justice.	do ... Mr. Vanasse.....	Finance and Justice.....	do 20....	May 16.... May 16....

SYNOPSIS of Returns to Addresses, etc., presented to the House of Commons, Session 1883—Continued.

No. of Ref.	Subject.	Date of Address and Receipt.	Mover.	Department referred to and date.		Return.		
				Department.	Date.	Received.	Dated.	Presented.
91	Correspondence respecting Portage Island to Government of Canada, &c.....	do ...	Mr. Mitchell.....	Governor-General's Secretary.	Mar. 20...	March 22.		
92	Correspondence between Governments and Board of Trade of Canada, and the United States <i>in re</i> Reciprocal Trade relations between the two countries on the general basis of the Reciprocity Treaty of 1854 since 1873, &c.....	do ...	Mr. Ross (Middlesex).....	Governor-General's Secretary and Finance.....	do ...	April 2.....	April 28...	April 30...
93	Licenses to fish in rivers in New Brunswick, granted by Department of Marine and Fisheries.....	do 20-21...	Mr. Weldon.....	Marine and Fisheries.....	do ...	March 29.	March 29.	March 29.
94	Cadets graduated at Royal Military College since its establishment.....	do ...	do .....	Militia.....	do 21...	May 2.....	May 2.....	May 5.....
95	Correspondence granting licences to cut timber, Indian lands, Ontario, from 1875 to present time.....	do 21-22...	Mr. McNeill.....	Supt.-General of Indian Affairs.....	do 24...	May 25....	May 25....	May 25....
96	Correspondence, steamer "Newfield" aiding steamship "Moravian".....	do 28-29...	Mr. Forbes.....	Marine and Fisheries.....	do 29...	do 2...	do 2...	do 5...
97	Persons superannuated since the establishment of fund.....	do ...	Mr. Blake.....	Finance.....	do 29...	April 16...	April 16...	April 17...
98	Surveys, Port Albert Harbour.....	April 2-3....	Mr. Cameron (Huron).....	Public Works.....	April 3...	May 18....	May 18....	May 19....
99	Complaints against Hubert Hébert, Chief Station Master, Montmagny.....	do ...	Mr. Landry.....	Railways and Canals.....	do 3...	April 11...	April 11...	April 11...
100	Expenses late election of House of Commons in different electoral districts.....	do ...	Mr. McCraney.....	Auditor-General.....	do 3...	May 22....	May 22....	May 22....
101	Expenses of members of Government, &c., sent to England on behalf of Government, from 16th December, 1880, to date.....	do ...	Mr. Somerville.....	Finance.....	do 3...	April 21...	May 23....	Jan. 23,'84
102	Application of Sailors for release from confinement, at request of Master of "Genil".....	April 2-3....	Mr. Casgrain.....	Secretary of State.....	April 3...	April 5	April 5	April 5
103	Despatches relating to Canadian and Provincial Laws as to restrictions on sale of Intoxicating Drinks.....	do ...	Mr. Blake.....	{ Clerk Privy Council. Governor-General's Secretary..... }	April 5...	do 10	do 10	do 13

104	Amount paid for Rolling Stock for Inter-colonial Railway for each year, from 1st July, 1878.	do	Mr. Ross (Middlesex)	do	April 3...	do	19	do	19
105	Correspondence re building of Breakwater on the west side of Liverpool Bay.	do	Mr. Forbes	do	do	May	7	May	8
106	Completing Return to Order of the House of 21st February last, as to construction of addit'on to Pier of St. Jean Port Joli	do	Mr. Casgrain	do	do	April	20	April	25
107	Correspondence re seizure of Tobacco from Brig "Adelaide"	do	Mr. Valin	Inland Revenue	April 10...	May	23	May	24
108	Correspondence re seizure of Tobacco on premises of N. Bernatchez, and others, of Montmagny	do	Mr. Landry	do	April 3...	April	11	April	11
109	Amounts charged on Public Debt Account expended on Railways, Canals, &c.	April 4-5...	Mr. Cameron, Inverness	Finance	April 5	May	8	May	10
110	Importation into Manitoba and the North-West of Agricultural Implements, from 30th June to 31st December last	April 9-10...	Mr. Sutherland, Selkirk	Customs	April 10...	do	5	do	7
111	Agricultural Implements shipped in Bond to Manitoba from other Provinces, from 1st July to 31st December last.	do	do	do	do	do	5	do	7
112	Correspondence since commencement of Session as to subsidies or grants for Manitoba	do	do	Finance	do	April	19	April	10
113	Agricultural Implements, &c., shipped in Bond to Manitoba from other Provinces, during fiscal year ending 30th June last	do	do	do	do	May	5	May	7
114	Correspondence as to withdrawal of Troops from Halifax	do	Mr. Blake	Customs	do	April	20	April	20
115	Correspondence in re Steamer running in connection with Intercolonial Railway between Campbellton, Gaspé and other Ports.	do	Mr. Fortin	Railways and Canals	do	May	9	May	10
116	Correspondence between Government and Lake St. John Railway as to subsidy to said Company	do	Mr. de St. Georges	do	do	April	24	April	25
117	Statement showing reduction made by change of mode of construction in Contracts A. and B., Canadian Pacific Railway, and amount involved by such change.	April 11-12...	Mr. Patterson, Brant	do	April 12...	May	9	May	10
118	Correspondence in re Northern and North Western boundaries of Ontario	April 11-12.	Mr. McCarthy	Secretary of State	April 12...	April	17	April	27
119	Correspondence relative to improvement of Morpeth Harbour, Lake Erie	do	Mr. Casey	Public Works	do	May	22	May	22
120	Correspondence claim of Amos Perley in connection with Smelt Fishery	April 16-17.	Mr. Weldon	Marine and Fisheries	April 17...	do	7	do	8

SYNOPSIS of Returns to Addresses, etc., presented to the House of Commons, Session 1883--Continued.

Ref. No.	Subject.	Date of Address and Receipt.	Mover.	Department referred to and date.		Return.		
				Department.	Date.	Received.	Dated.	Presented.
121	Correspondence in re sale of Lactoché Island and other Islands, Georgian Bay.	do	Mr. Blake	Clerk Privy Council, Supt-Gen. Indian Affairs	April 18	do	25 do	25 do
122	Return of Customs duties refunded at Port of Toronto for last fiscal year.	do	Mr. McMillen	Customs	May 8	April 25	April 26	April 26
123	Copies of Orders in Council regulating close season for lobster fishing.	do	Mr. Kirk	Marine and Fisheries	do	do	12 May	12 May
124	Duty paid by Canadian Pacific Railway Company on articles imported by them from date of contract with Government to 28th Feb, 1883.	do	Mr. White (Jardwell)	Customs	do	do	25 April	25 April
125	Return of officers and men who received instruction in "A" and "B" Batteries since establishment.	do	Mr. Ross (Middlesex)	Militia	do	do	4 May	5 May
126	Return of cost of Cartridge Factory at Quebec since establishment.	do	do	do	do	do	2 do	2 do
127	Correspondence, Immigration-Jewish Refugees from Russia to Canada.	do	Mr. Casey	Agriculture	do	do	12 do	12 do
128	Return in re Instruction, Staff Royal Military College, also Staff of "A" and "B" Batteries.	do	Mr. Ross (Middlesex)	Militia	do	do	27 April	27 April
129	Return of moneys advanced to Government of New Brunswick on account of subsidy since 1st Jan, 1882.	do	Mr. Weldon	Finance	do	do	19 May	23 Jan. 23, '84
130	Return of Officers and employes in each Military District.	do	Mr. Ross (Middlesex)	Militia	do	do	2 do	23 do
131	Report of Government Engineers of Bayfield Harbour, County Huron.	April 23-24	Mr. McMillan	Public Works	April 24	do	22 do	22 do
132	Statement of duties collected between 15th March, 1879, and 1st Jan, 1883, on cereals, &c.	do	Mr. Gigault	Customs	do	do	2 do	2 do
133	Copy of Engineers' Report of survey made at Brae, Prince Edward Island, last summer.	do	Mr. Hackett	Public Works	do	do	12 do	12 do

	April 25-24.	Mr. Baker (Victoria)	April 24...	April 26	April 26	April 26
134	Correspondence on the subject of Immigration into British Columbia.	do ...	Secretary of State	do ...	April 26	April 26
135	Return of certificates granted for liquor by physicians, County of Halton.	do ...	Inland Revenue	do ...	May 11	May 23
136	Vide 80. Report of Department of the Interior, embracing both numbers.	do ...	Interior	do ...	.....	.....
137	Copy of any representation made by either Houses of the Legislature of Québec, as to increase of Provincial Subsidy.	do ...	Secretary of State	do ...	April 25	April 27
138	Correspondence as to erection of a light-house at West Haver's Point, Hubbard's Cove.	do ...	Secretary of State	do ...	April 25	April 27
139	Petitions as to claim of James Dauphinée for expenses as Fishery Warden.	do ...	Marine and Fisheries	do ...	May 9	May 9
140	Copy of Petition as to trade between Canada and West Indies and Brazil signed by fish merchants of Gaspé, addressed to Minister of Finance.	do ...	do	do ...	do 11	do 15
141	Report on the condition of the Manitoba Indian Agency under J. A. Provencher.	do ...	Finance	do ...	April 30	April 30
142	Award of Arbitrator on claim for damages of Contractor, Grenville and Carleton Canal.	Apr. 31, May 1	Indian Dept., Interior	May 1	May 1	May 22
143	Statements of amounts of premiums of insurance against fire collected, and losses paid, during 1880, 1881 and 1882, in Montreal, by insurance companies.	do ...	Railways and Canals	do ...	do	do 9
144	Correspondence relating to sale of oak timber on Walpole Island.	May 7-8	Finance	May 8	do	do 11
		do ...	Supt.-Gen. Indian Affairs	do ...	do	do 25

## APPENDIX G.

KEY to Synopsis of Returns presented to the House of Commons during the Session of 1883.

Subject	Mover.	Reference Number.
Banks.....	Mr. Bergeron.....	26.
Boundaries .....	Mr. McCarthy.....	118.
Breakwaters.....	Messrs. Weldon .....	58.
	Forbes.....	105.
Buoys and Beacons .....	Mr. Dawson.....	41.
Civil Service .....	Mr. Blake.....	97.
Canals .....	Messrs. Bernard .....	81.
	Casey.....	142.
Coal .....	Messrs. Blake .....	10, 35.
	Burpee (St. John) .....	40.
Customs.....	Messrs. Blake .....	8.
	Curran.....	29.
	Burpee (St. John).....	36.
	Wheler.....	84.
	Sutherland (Selkirk).....	110, 111, 113.
	McMullen .....	122.
	White (Cardwell).....	124.
	Gigault .....	132.
Extradition.....	Mr. Blake.....	7.
Elections.....	Messrs. Blake.....	21, 25.
	McOraney .....	100.
Fisheries .....	Messrs. Holton.....	39.
	Kirk .....	123.
	Weldon.....	62, 93, 120.
	Keefer.....	139.
	Fortin.....	140.
Harbours .....	Messrs. Kirk.....	59.
	Hackett.....	79.
	Cameron (Huron) .....	98.
	Casey.....	119.
	McMillan .....	131.
Imports and Exports.....	Messrs. Patterson .....	19.
	Burpee (St. John) .....	34.
	Foster .....	43.
Immigration.....	Messrs. Shakespeare.....	30.
	Burpee (Sunbury).....	50.
	Casey.....	127.
	Baker (Victoria).....	134.

Key to Synopsis of Returns presented to the House of Commons during the Session of 1883—Continued.

Subject.	Mover.	Reference Number.
Judges .....	Messrs. Blake .....	20.
	Cameron (Huron) .....	52.
Lands .....	Messrs. Hesson.....	2.
	O'Brien .....	12.
	Cameron .....	13, 14, 15.
	Jackson.....	80.
	McNeill.....	95.
	McCraney.....	136.
	Lister.....	144.
Lighthouses .....	Messrs. Rinfret.....	3.
	Weldon.....	53.
	Keefer.....	138.
Miscellaneous.....	Messrs. Amyot.....	11.
	Blake.....	22, 23, 28, 32, 42, 108, 114, 121.
	Dawson.....	27.
	Coursol.....	45.
	Fortin.....	46.
	Casgrain.....	48, 102.
	Kranz.....	51.
	Weldon.....	54, 57, 129.
	Platt.....	64.
	Rykert.....	66, 67, 68.
	Cameron (Huron).....	70.
	Casey.....	71.
	Grandbois.....	73, 76.
	Baker (Victoria).....	74.
	Gigault.....	77.
	Vanasse.....	90.
	Mitchell.....	91.
	Forbes.....	96.
	Somerville.....	101.
	Sutherland (Selkirk).....	112.
	Hackett.....	133.
	McCraney.....	135.
	Laurier.....	137, 143.
	Charlton.....	141.
Militia.....	Messrs. Massue.....	4.
	Bourassa.....	17.
	Blake.....	24, 83.
	Casey.....	72.
	Ives.....	75.
	Wallace.....	89.
	Weldon.....	94.
	Ross (Middlesex).....	125, 126, 128, 130.
Marine and Fisheries.....	Mr. Dawson .....	1.
Post Office.....	Mr. Platt.....	88.
Public Works.....	Mr. Cameron (Inverness).....	109.
Piers and Wharves.....	Messrs. Casgrain.....	18, 106.
	Gagné.....	69.
	McIsaac.....	78.
Receipt and Expenditure .....	Mr. Burpee (St. John).....	33.



KEY to Synopsis of Returns presented to the House of Commons during the Session  
of 1883—Continued.

Subject.	Mover.]	Reference Number.
<b>Railways</b> .....	Messrs. Amyot..... Blake..... Forbes..... Burpee (St. John)..... Weldon..... McIntyre..... McDonald (Cape Breton)..... Mitchell..... Landry..... Ross (Middlesex)..... Fortin..... de St. Georges..... Patterson (Brant).....	5. 6, 9, 31, 60, 82. 16. 37, 38, 44. 55, 56, 63. 61. 65. 85, 86, 87. 99. 104. 115. 116. 117.
<b>Tobacco</b> .....	Messrs. Gigault..... Valin..... Landry.....	47. 107. 108.
<b>Telegrams</b> .....	Mr. Blake.....	49.
<b>Treaties</b> .....	Mr. Ross (Middlesex).....	92.

## APPENDIX H.

ADDRESSES AND ORDERS of previous Session, to which Returns were presented in the Session of 1883.

Subject.	Number Presented.	Number of Pages of Footscap contained in Returns.	Remarks.
Charters.....	1	260	And Tabular Statement.
Harbours.....	1	5	
Judges.....	1	24	
Marine and Fisheries .....	3	18	
Miscellaneous .....	1	12	
Railways and Canals.....	1	3	
Statutes .....	1	34	
Total .....	9	358	

## APPENDIX I.

TABLE of Charters of Incorporation issued under the "Canada Joint Stock Companies Act, 1877," during the year 1883.

Name.	Capital Stock.	Number of Shares.	Amount of each Share.
	\$		\$
The Canada Southern Steamboat Company (Limited) .....	150,000	1,500	100
The Military Colonization Company of Canada (Limited).....	100,000	1,000	100
St. Catherines Milling and Lumber Company (Limited) .....	100,000	100	1,000
The Keewatin Paper Manufacturing Company .....	75,000	750	100
The Gilbert Blasting and Dredging Company (Limited) .....	60,000	600	100
The Argyle Mining Company of Canada .....	1,000,000	10,000	100
The Canadian Colonization Company (Limited) .....	1,000,000	10,000	100
Winnipeg Consolidated Gold Mining Company (Limited).....	1,000,000	20,000	50
The North-West Lumbering Company (Limited).....	250,000	2,500	100
The Saskatchewan Mining and Gold Dredging Company .....	20,000	800	25
The Toronto Securities Company .....	500,000	5,000	100
The Shareholders of the Real Estate Loan and Debenture Company, as a Company by the name of The Real Estate Loan Company of Canada (Limited).....			
Dominion Barb Wire Company (Limited).....	150,000	1,500	100
The Manitoba Consolidated Gold and Silver Mining Company (Limited) .....	2,000,000	100,000	20
The Battle River Lumber and Settlement Company (Limited)...	600,000	6,000	100
The Prince Albert Colonization Company (Limited) .....	400,000	4,000	100
The Canada Spring Horse Shoe Company .....	40,000	800	50
The Globe Cattle Company (Limited).....	200,000	2,000	100
The Touchwood-Qu'Appelle Land and Colonization Company (Limited) .....	300,000	3,000	100
The Montreal and Melbourne Slate Company (Limited).....	100,000	1,000	100
The Mining Investment Company of Canada (Limited).....	300,000	3,000	100
The Canada Industrial Company (Limited).....	50,000	500	100
The Owen Sound Steamship Company .....	25,000	250	100
The Shell River Colonization Company (Limited).....	300,000	6,000	50
The Manitoba Fuel Company (Limited) .....	500,000	100,000	5
The Alberta Mining Company (Limited).....	50,000	10,000	5
The Yarmouth Power Knitting Company .....	12,000	120	100
Canada Railway News Company (Limited) .....	50,000	2,000	25
The Dominion Brick and Terra Cotta Company (Limited).....	100,000	1,000	100
The William Hamilton Manufacturing Company (Limited) .....	200,000	2,000	100
The North American Land Company (Limited).....	100,000	1,000	100
The Dominion Paper Making and Staining Company (Limited)	300,000	3,000	100
Northrop and Lyman Company .....	100,000	1,000	100
The Yarmouth Duck and Yarn Company (Limited).....	150,000	1,500	100
The Geary Brothers' Canadian Stock Breeders and Importers Association (Limited) .....	100,000	2,000	50
The Dominion Navigation Company of Toronto (Limited).....	32,000	400	80
The Desoronto News Company (Limited).....	10,000	100	100
Star Button Fastener Company (Limited) .....	50,000	500	100
The Ayr American Plough Company (Limited).....	100,000	1,000	100
The Saskatchewan Coal Mining and Transportation Company (Limited) .....	500,000	5,000	100
The Dominion Combination Parlor and Sleeping Car Company	10,000	1,000	10
The Prairie Printing and Publishing Company (Limited).....	20,000	1,000	20
The International Coal Company (Limited) .....	300,000	3,000	100
The Peterborough Review Printing and Publishing Company (Limited) .....	40,000	80	500
La Société de Publicité .....	10,000	100	100
The Ames Holden Company .....	40,000	400	100

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**APPENDIX J.**

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**SUPPLEMENTARY LETTERS PATENT.**

**The Midland Elevator and Forwarding Company (Limited)**—Increasing the Capital Stock to \$500,000, being an addition of \$400,000 to present Capital, divided into 4,000 shares of \$100 each.

**The Dominion Lands Colonization Company (Limited)**—Decreasing the Capital Stock from \$1,000,000 to \$500,000, a deduction of \$500,000 from present Capital, the share of said decreased Capital being 10,000, of \$50 each, instead of \$100 each.

**The Alberta Mining Company (Limited)**—Increasing the Capital Stock to \$2,000,000, being an addition of \$1,950,000 to present Capital, divided into 390,000 shares of \$5 each.

## APPENDIX K.

List of the Officers, Clerks and Servants of the Department of the Secretary of State on the 31st December, 1883, with date of Appointment, Rank and Salary in each case.

Name.	Date of Appointment.	Rank.	Salary.
			\$
Grant Powell.....	May 1, 1839.....	Under Secretary of State.....	3,200
G. Emond.....	March 1, 1881.....	3rd Class Shorthand Writer.....	700
L. H. Taché.....	August, 1882.....	Private Secretary and Temporary Clerk, and per diem allowance.....	600
H. J. Morgan.....	Nov. 19, 1853.....	Chief Clerk Correspondence.....	2,200
W. H. Jones.....	May 1, 1839.....	Chief Clerk.....	2,000
H. E. Steele.....	August 11, 1841.....	1st Class.....	1,800
E. G. Pulford.....	Dec. 1, 1878.....	3rd do.....	850
N. LaRochelle.....	June 1, 1882.....	3rd do.....	450
E. Harrison.....	July, 1882.....	Temporary, at a per diem allowance.....	
<i>Registry Branch.</i>			
L. A. Catellier.....	August, 1859.....	Deputy Registrar-General and Chief Clerk.....	2,200
A. Audet.....	June, 1883.....	Keeper of Records and Chief Clerk.....	2,000
E. Brousseau.....	Feb. 1, 1864.....	1st Class.....	1,550
J. A. Belanger.....	Oct., 1853.....	1st do.....	1,550
J. Barns.....	Feb., 1873.....	3rd do.....	900
A. G. Learoyd.....	Sept., 1873.....	3rd do.....	900
W. S. Gliddon.....	1873.....	3rd do.....	800
I. W. Storr.....	Oct, 1873.....	3rd do.....	800
G. Collins.....	1874.....	3rd do.....	800
P. T. Kirwan.....	Nov. 1, 1879.....	3rd do.....	650
D. Dunn.....	July, 1879.....	3rd do.....	650
D. McDonald.....	Oct., 1878.....	3rd do.....	650
C. B Sansom.....	August, 1879.....	3rd do.....	700
C. Medlow.....	Feb., 1879.....	3rd do.....	700
T. J. Code.....	April 1, 1882.....	3rd do.....	550
<i>Queen's Printer's Branch.</i>			
B. Chamberlin.....	June, 1870.....	Queen's Printer and Chief Clerk.....	2,350
W. Gliddon.....	Nov., 1871.....	2nd Class.....	1,300
A. Potvin.....	Dec., 1869.....	3rd do.....	900
L. A. Grison.....	July 1, 1876.....	3rd do.....	750
A. O. Mousseau.....	April 1, 1883.....	3rd do.....	750
<i>Stationery Branch.</i>			
J. Young.....	Oct. 21, 1857.....	1st do.....	1,800
T. Roxborough.....	Dec., 1869.....	3rd do.....	900

List of the Officers, Clerks and Servants of the Department of the Secretary of State on the 31st December, 1883—*Continued.*

Name.	Date of Appointment.	Bank.	Salary.
			\$
T. Robertson.....	July, 1871.....	3rd do .....	900
W. Walsh.....	Jan., 1876.....	3rd do .....	750
F. Gouldthrite.....	Dec., 1878.....	3rd do .....	500
A. Beaulieu .....	Sept. 1881.....	Messenger, Temporary at <i>pér diem</i> allowance.	
<i>Messengers.</i>			
P. Logan.....	1859.....	do .....	500
T. O'Keefe.....	1866 .....	do .....	500
J. Hughes.....	1870 .....	do .....	500
J. Larkin.....	1873.....	do .....	500
H. Allen.....	1874.....	do .....	465
J. Foran .....	1883.....	do .....	300