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Various pagings.

In Sessional papers No. 3, Fourth report, Appendix A, page 20 is incorrectly numbered page 2.

In Sessional papers No. 3, Appendix No. 1, page 20 is incorrectly numbered page 0.

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VOLUME 5.

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FIFTH SESSION OF THE THIRD PARLIAMENT

OF THE

DOMINION OF CANADA

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SESSION 1878.

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VOLUME XI.

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PRINTED BY MACLEAN, ROGER & Co., WELLINGTON STREET, OTTAWA.

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 — **SUPPLEMENT No. 1** :—List of Lights on the Coasts, Rivers and Lakes, of the Dominion of Canada, on the 31st December, 1877.

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 — **SUPPLEMENT No. 3** :—Reports of the Meteorological, Magnetic and other Observatories of the Dominion of Canada, for the calendar year ended 31st December, 1877.

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- MARINE AND FISHERIES**—**SUPPLEMENT No. 4** :—List of Vessels on the Registry Books of the Dominion of Canada, on the 31st day of December, 1877.  
 — **SUPPLEMENT No. 5** :—Report of the Commissioner of Fisheries, for the year ending 31st December, 1877.

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- No. 2... **TRADE AND NAVIGATION** :—Tables of the Trade and Navigation of the Dominion of Canada, for the year ending 30th June, 1877.

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- No. 3... **INLAND REVENUE** :—Report, Returns and Statistics of the Inland Revenues of the Dominion of Canada, for the fiscal year ended 30th June, 1877.  
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 — 2 :—Weights and Measures for 1877.  
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- No. 10... INTERIOR:—Report of the Department of the Interior, for the year ended 30th June, 1877.

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- No. 12... PENITENTIARIES:—Report of the Minister of Justice on, for the six months ended 30th June, 1877.
- No. 13... BAPTISMS, MARRIAGES AND BURIALS:—General Statement of, for certain Districts in the Province of Quebec, for the year 1877. (*Not printed.*)
- No. 14... INSURANCE:—Report of the Superintendent of, for the year ending 31st December, 1876.  
 —Abstract of Statements made by Companies licensed to do business of Fire or Inland Marine Insurance in Canada, for the year 1877.  
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- No. 15... BANKS:—List of Shareholders of the several Banks of the Dominion of Canada.

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- No. 17... WARRANTS, SPECIAL:—Statement of Special Warrants of His Excellency the Governor General, issued in accordance with the Act 31 Vic., cap. 5, sec. 35, from the 1st of July, 1877, to the 9th of February, 1878, inclusive.
- No. 18... SUPERANNUATION:—Statement of Allowances and Gratuities under the Act 33 Vic., cap. 4.  
 —Return to Order, Statement of the reason in each case for the superannuation of the persons in the Civil Service mentioned in the Return laid before this House on the 18th February.
- No. 19... STATUTES:—Official Return of the distribution of the Statutes of the Dominion of Canada, being 40 Victoria, Fourth Session of the Third Parliament, 1877. (*Not printed.*)
- No. 20a... PACIFIC RAILWAY, CANADA:—Return to Order, Reports of Engineers and correspondence having reference to any actual surveys, or proposed survey, in connection with the Canadian Pacific Railway from the Red River westward, south of Lake Manitoba. (*Not printed.*)
- No. 20b... —Return to Order, Correspondence with the Minister of Public Works and the Engineer staff of the said Department in connection with the engagement of employees for the Pacific Railroad survey, and the routes (if any) they were instructed to take; also correspondence in reference to the carrying of emigrants, &c., by the Sarnia or Collingwood route since 1874. (*Not printed.*)
- No. 20c... —Return to Order, Statement of the number of miles surveyed, and the expenditure for such surveys, on the Pacific Railway, &c. (*Not printed.*)
- No. 20d... —Return and Supplementary Return to Address, Reports made in 1877, by Admiral DeHorsay, respecting the Port or Ports most suitable for a Terminus of the Canadian Pacific Railway in British Columbia.
- No. 20e... —Return to Order, Statement showing the amount of moneys disbursed up to 1st January, 1878, upon Contracts Nos. 13, 14, 15, 23 and 25, of the Canada Pacific Railway. (*Not printed.*)
- No. 20f... —Return to Order, Copy of every Report of the Chief Engineer, or any other Engineer of the Canadian Pacific Railway, suggesting or recommending a survey in 1876 and 1877, of the whole or part of the route between Burrard's Inlet and Yellow Head Pass, with copy of any order or instructions sent respecting the said survey. (*Not printed.*)
- No. 20g... —Return to Address, Progress estimates of work done under Contract 15 of the Canada Pacific Railway, and information as to the mode of making payments therefor. (*Not printed.*)

No. 20h.	Return to Order, Statement showing the number of miles actually graded and ready for track-laying and ballasting, under Contracts Nos. 13, 14, 15 and 25, of the Canada Pacific Railway; also number of miles of rails actually laid under said Contracts up to 1st January, 1878.
No. 20i.	Return to Order, Reports of Engineers, relating to the survey and location of the line of the Pacific Railway between the Red River and Battleford, and also all Reports relating to the proposed line of said railway between the same points, but south of Lake Manitoba.
No. 20j.	Reports and Documents in reference to the location of the line and the Western Terminal Harbour, of the Canadian Pacific Railway, by Sandford Fleming, C.M.G., Engineer in Chief, 1878.
No. 20k.	Return to Address, Copies of all Contracts on which tenders were invited for the construction of houses for the Engineers on the branch of the Canada Pacific Railway from Fort William to Selkirk—the cost of each house, the names of the contractors, the number of houses built, with the amount paid the contractor, and the number of those houses destroyed by fire, if any.
No. 20l.	Return to Order, Report of Exploration made by Mr. Bell, C.E., on the proposed route of the Canada Pacific Railway from Nipigon to the junction with the Thunder Bay, or Kaministiquia Branch of the said railway.
No. 20m.	Return to Address, Instructions to Mr. Fleming, Engineer-in-Chief of the Pacific Railway, on the subject of a series of questions, submitted through the Colonial Office to naval officers and others, relating to certain harbours in British Columbia, and a site for the terminus of the line on the Pacific Coast. ( <i>Not printed.</i> )
No. 21a.	INTERCOLONIAL RAILWAY:—Return to Order, Statement shewing the particulars of all amounts in addition to salary paid to any General or Departmental officer of the Intercolonial Railway, during the year 1876. ( <i>Not printed.</i> )
No. 21b.	Return to Order, Statement showing the quantity of work done in enlarging the Railway Water Works at Moncton, during the year 1876. ( <i>Not printed.</i> )
No. 21c.	Return to Order, Statement showing the sums of money paid C. J. Brydges, for the year ending 30th June, 1876, showing salary whilst the Intercolonial Railway was under construction; and salary for management; also expenses of his office at Montreal, Ottawa and Moncton; and amount of his travelling expenses for the same period. ( <i>Not printed.</i> )
No. 21d.	Return to Order, Correspondence between Mr. James Niven, of Newcastle, Miramichi, N.B., and the Officers of the Intercolonial Railway and the Government, in reference to the killing, by one of the trains of said road, on the 23rd of February last, of five head of cattle of the said James Niven. ( <i>Not printed.</i> )
No. 21e.	Return to Order, Statement showing for each month of the two years ending 31st December, 1876, the following particulars in relation to the working and management of the Intercolonial Railway:—1st. The number of miles run by the engines in each service; 2nd. The gross working expenses, without deductions, &c.; 3rd. The particulars of all charges made for the use of engines and cars, as well as for railway freight, &c.; 4th. The average in detail before and after deductions have been made; 5th. A statement giving detailed information in relation to the special trains for the conveyance of passengers or officers of the railway, which were run from the 1st July, 1875, to the 31st December, 1876. ( <i>Not printed.</i> )
No. 21f.	Return to Order, Statement showing the original size and cost, exclusive of heating apparatus, of the brick building at Moncton known as the general offices of the Intercolonial Railway, &c. ( <i>Not printed.</i> )
No. 21g.	Return to Order, Statement showing the particulars in regard to a main brick sewer constructed through the station yard of the Intercolonial Railway at Moncton during the past year, &c. ( <i>Not printed.</i> )
No. 21h.	Return to Order, Statement shewing the expenditure incurred during the last two years ending January 31st, 1877, for carpets, furniture, &c., fittings for the General Offices of the Intercolonial Railway at Moncton. ( <i>Not printed.</i> )
No. 21i.	Return to Order, Statement of the number of miles of the Intercolonial operated on 1st July, 1873, and the cost; also for 1st July, 1874, 1875, 1876, 1877.
No. 21j.	Return to Address, All Orders in Council, &c., relative to the fixing of the headquarters of the Intercolonial Railway at Moncton. ( <i>Not printed.</i> )
No. 21k.	Return to Order, Statement shewing the quantities, kinds and cost of rails, fish-plates, bolts and nuts, spikes and sleepers on hand but not in use on 30th June, 1875—received during the year ending 30th June, 1876—used and otherwise disposed of during the same period—the balance on hand but not in use at that date, &c. ( <i>Not printed.</i> )
No. 21l.	Return to Order, Statement shewing which of the Bridges and Culverts of the Intercolonial Railway between Picton and Halifax received extensive repairs and alterations, or were renewed in part or in whole, during the seasons of 1875 and 1876, &c. ( <i>Not printed.</i> )
No. 21m.	Return to Order, Of all expenditure for repairs and additions incurred by the Intercolonial Railway Department on the Tupper House, Hollis Street, Halifax, used as a Ticket Office for that Department. ( <i>Not printed.</i> )
No. 21n.	Return to Order, Statement shewing the names, &c., of all persons, except ordinary mechanics and laborers, in the service of the Intercolonial Railway on the 31st March, 1876, and on the 31st December last.

- No. 21o. ———— Return to Address, Correspondence between the Government and T. M. Boggs in relation to his dismissal from the office of Train Despatcher at Truro on the Intercolonial Railway. (*Not printed.*)
- No. 21p. ———— Return to Address, Correspondence connected with the removal from office or resignation of George Taylor from the office of Assistant Railway Superintendent of the Intercolonial Railway. (*Not printed.*)
- No. 21q. ———— Return to Order, Correspondence between Mrs. Edward Murphy, of Barnaby River, Miramichi, N. B., and the officers of the Intercolonial Railway, in relation to the killing of a cow on said Railway. (*Not printed.*)
- No. 21r. ———— Return to Address, Correspondence relating to shipment of grain or other articles, by way of the Intercolonial Railway, at Halifax for Europe.
- No. 21s. ———— Return to Address, Statement shewing all contracts given since 1867, including those of the Intercolonial Railway, those awarded to the lowest tender, and those given to others.
- No. 21t. ———— Return to Address, Correspondence respecting a Railway Bridge across the Falls at St. John, New Brunswick, to connect the Intercolonial Railway with that of Western Extension at said Falls. (*Not printed.*)
- No. 21u. ———— Return to Order, Statement shewing the amounts paid annually for carrying the Mail between Kamouraska and the Railway Station at St. Paschal since the Express Train on the Intercolonial Railway began to deliver the Mail at that Station. (*Not printed.*)
- No. 21v. ———— Return to Order, Shewing all fees paid by the Department of Justice, in connection with the Intercolonial Railroad, to Counsel and Attorneys in connection with any business before the Supreme Court. (*Not printed.*)
- No. 22... OTTAWA RIVER, SIXTY MILE LEVEL:—Return to Order, Reports of Engineers respecting the greater rise in the waters of the sixty mile level of the River Ottawa, between Chaudière Falls and the Long Sault Rapids, than the levels below and above those points. (*Not printed.*)

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- No. 23b. ———— Return to Address, shewing the amounts of the six lowest tenders for Sections 4, 5, 6, 7, 8, 9 and 11 of the Lachine Canal, with the names of tenderers, and of parties to whom the contracts were awarded.
- No. 24a. VICTORIA BRIDGE:—Return to Address requiring the Grand Trunk Railway Company to furnish the information respecting the freight and passenger traffic over the Victoria Bridge, during the years 1875 and 1876, in tabular form; also the cost of building the Victoria Bridge, and the cost of maintenance for 1876. (*Not printed.*)
- No. 24b. ———— Return to Address, respecting the tariff of charges for the conveyance of passengers and freight over the Grand Trunk and Intercolonial Railways, &c.
- No. 25... MATANE AND FOX RIVER TELEGRAPH:—Return to Address, Correspondence between the Government and Sir Hugh Allan and the Montreal Telegraph Company, in relation to the construction of a Telegraph Line between Matane and Fox River. (*Not printed.*)
- No. 26... HARBOUR COMMISSIONERS, MONTREAL:—Return to Address, Correspondence between the Government and the Montreal Harbour Commissioners on the subject of the refusal of the said Commissioners to allow cars and locomotive engines for the Quebec, Montreal, Ottawa and Occidental Railway to pass over the wharves in the Harbour of Montreal, &c. (*Not printed.*)
- No. 27... HARBOUR BOARD, MONTREAL:—Return to Address, Correspondence relating to complaints made against the administration of the Harbour Board of Montreal in connection with the town of Sorel and the works for deepening Lake St. Peter; also respecting the bad administration of the aforesaid works, the arbitrary dismissal of Pierre Côté and Pierre Charbonneau and of any other employé, &c. (*Not printed.*)
- No. 28... CANADA CENTRAL EXTENSION:—Return to Address, Orders in Council relating to the route of the Canada Central Extension, and the contract for building that portion of railway.
- No. 29... HARVEY, JOHN:—Return to Order, Correspondence relating to the dismissal of John Harvey from the position of Slidemaster, at the Village of Arnprior. (*Not printed.*)
- No. 30... TAYLOR, I. B., AND MOYLAN, J. G.:—Return to Order, Accounts, vouchers and papers connected with the payments for printing as entered in the Public Accounts for 1873-4, as made out of the contingencies of the Department of Justice, to I. B. Taylor, The Citizen Printing Company and J. G. Moylan. (*Not printed.*)

- No. 31... MARITIME COURT OF ONTARIO:—General Rules of, under the provisions of the Act 40 Vic., cap. 21, sec. 8; also Tariff of suitors' fees, fixed under the 14th Sec. of the said Act. (*Not printed.*)
- No. 32... FORT FRANCIS LOCKS:—Return to Order, Report of the late Mr. Hazlewood, C.E., on the approximate cost of the Fort Francis Locks.
- No. 33... PRINCE EDWARD ISLAND, PRINTING, &c.:—Return to Order, Shewing amounts paid for printing for all services done in Prince Edward Island, during the years 1874, 1875 and 1876, respectively, the nature of the work done and the names of the persons who performed such work. (*Not printed.*)
- No. 34... EXPENSES OF COMMITTEES:—Return to Order, Object and Expense of each of the Special Committees appointed by the House, during the past four years, with the names of the persons who received payment, whether as witnesses, or otherwise, and the amounts received by each.
- No. 35... BONDS AND SECURITIES:—Statement of all Bonds and Securities registered in the Department of the Secretary of State, dated the 22nd February, 1878. (*Not printed.*)
- No. 36... PIERS, BAIE ST. PAUL, MALBAIE, &c.:—Return to Order, Shewing the quantity of timber supplied by Mr. Adolphe Gagnon for each of the piers at Baie St. Paul, Malbaie and Eboulements, in the County of Charlevoix. (*Not printed.*)
- No. 37... BRITISH COLUMBIA:—Return to Order, Showing the respective sums of money paid to the Government of British Columbia, and at what time paid, in accordance with sec. 2, cap. 17 of the Act 37 Vic. (*Not printed.*)
- No. 38... VETERANS OF 1812-13:—Return to Order, Names of the Militiamen of 1812 and 1813, who died between the 1st March, 1876, and the 1st January, 1878. (*Not printed.*)
- No. 39... GOVERNOR GENERAL:—Return to Order, Expenses of the trip of His Excellency the Governor General to Manitoba, similar to that contained in the Public Accounts, with respect to His Excellency's trip to British Columbia.
- No. 40... ARICHAT,—MAIL IRREGULARITIES:—Return to Address, Correspondence between the Post Office Inspector for Nova Scotia and any other person or persons, during the months of November, December and January last past, in relation to Mail irregularities between the Post Offices of Arichat, Hawkesbury and Antigonish, in the said Province. (*Not printed.*)  
 —BREAKWATER:—Return to Address, Surveys and Reports made by any Government Engineer within the last six years, in relation to the breakwater at West Arichat, in the Island of Cape Breton. (*Not printed.*)  
 —PILOTAGE RULES:—Return to Address, Copy of the Pilotage Rules and Regulations made by the Commissioners of Pilots for the Port of Arichat, in the Island of Cape Breton. (*Not printed.*)
- No. 41... RIMOUSKI, GASPÉ AND BONAVENTURE:—Return to Order, Shewing the rivers under lease, in the Counties of Rimouski, Gaspé and Bonaventure, and also those on the north coast of the St. Lawrence from the River Saguenay down to the Mingan Islands. (*Not printed.*)
- No. 42... BRITISH COLUMBIA, FISHERIES:—Return to Order, Report of the Inspector of Fisheries for British Columbia for 1877, with a statement of the expenditure connected therewith. (*Not printed.*)
- No. 43... AUSTRALIAN COLONIES:—Return to Order, Shewing the nature and value of all manufactures, &c., exchanged between Canada and the Australian Colonies, from the 1st of July, 1876, with copies of the Tariffs of these Colonies.
- No. 44... PUBLIC WORKS:—Return to Order, Showing the sums expended on Public Works chargeable to Income, during the fiscal years 1874-5, 1875-6, 1876-7, for which votes had been obtained in the Estimates of 1873-4; and also on Works chargeable to Capital.
- No. 45... NORTH-WEST TERRITORIES:—Copy of Ordinances made by His Honor the Lieutenant Governor and Council of the North-West Territories, on the 22nd March, 1877.
- No. 46... ST. PETER'S CANAL:—Return to Order, Correspondence in connection with the change of contractors for the enlarging of the St. Peter's Canal; also what funds are still in the hands of the Government belonging to Mr. Tuck, the original contractor, and the time within which the Contract is to be finished. (*Not printed.*)  
 —Return to Address, Reports, &c., made within the last two years in connection with the enlargement of St. Peter's Canal, in the Island of Cape Breton. (*Not printed.*)

- No. 47...** LAKE ERIE HARBOR:—Return to Order, All Reports, &c., in connection with the projected Harbor on Lake Erie, near the Village of Morpeth, in the County of Kent, together with a statement of the expenditure, &c. (*Not printed.*)
- No. 48...** NEW CAMPBELLTON POST OFFICE:—Return to Order, Correspondence in connection with the changing of the Post Office at the Port of New Campbellton, to a Way Office, and the reduction of the salary of the Postmaster; also shewing the amount of Postage Stamps disposed of by the several Post and Way offices during the year 1876 and the year 1877, in the County of Victoria, Nova Scotia. (*Not printed.*)
- No. 49a...** MILITARY COLLEGE AND SCHOOLS:—Return to Order, Shewing the names of all the Cadets that have been admitted at the Military College, Kingston, from the opening of said College, and giving the names of those that are now following the courses of that institution.
- No. 49b...** ————Return to Order, Shewing:—1. The amounts spent yearly since 1867 in the maintenance of Military Schools in the Province of New Brunswick; 2. The number of Candidates who have each year received 2nd Class Certificates, and the amount of gratuity paid; 3. The number of passed Cadets who at the time of attending any school held at Fredericton, N. B., were students of the University of New Brunswick, &c.; 4. The number and names of all passed Cadets who have held and now hold Commissions in the Active Militia in New Brunswick, &c. (*Not printed.*)
- No. 50a...** MILITARY FORTS, POINT LEVIS:—Return to Order, Copies of all Tenders for the construction of the platform for the gun of No. 1 Fort, at Lévis. (*Not printed.*)
- No. 50b...** ————Return to Order, Shewing the sums expended for repairs to military forts at Lévis, since last Session; the names and wages of the workmen, and the amount paid to each, &c. (*Not printed.*)
- No. 51...** LINGAN HARBOR, C.B.:—Return to Order, Report of the survey of the Harbor of Lingan, Cape Breton, and Correspondence, &c. (*Not printed.*)
- No. 52...** CANADA PACIFIC TELEGRAPH:—Return to Address, Specifications on which tenders were invited to construct the Lake Superior and Fort Garry sections of the Canadian Pacific Telegraph.
- No. 53...** DOMINION LANDS:—Return to Address, Reports made to the Minister charged with the administration of Dominion Lands, under the Act 38 Vic., cap. 53, by any Commissioners appointed under the said Act; also all lists of lands prepared by the Surveyor General of Dominion Lands, in accordance with the provisions of the eighth section of the said Act. (*Not printed.*)
- No. 54...** L'ARDOISE BREAKWATER:—Return to Address, Shewing the amount of money expended during the past year on the L'Ardoise Breakwater in the Island of Cape Breton. (*Not printed.*)
- No. 55...** O'DONOGHUE, W. B.:—Return to Address, Orders of Council and correspondence between the Imperial and Canadian Governments relating to any Amnesty to Mr. W. B. O'Donoghue.
- No. 56...** RAILWAY RESERVE, WINNIPEG:—Return to Order, Statement of moneys received by the Dominion Land Office at Winnipeg, for payment of Lands in the Railway Reserve, and copy of instructions to Dominion Lands Agent in Manitoba, in regard to Squatters upon the said Railway Reserve.
- No. 57...** MATANE, HARBOR OF:—Return to Order, Copies of Mr. Kingsford's Report on the survey of the Harbor of Matane, with the plans and estimates accompanying the said Report. (*Not printed.*)
- No. 58a...** WELLAND CANAL:—Return to Address showing the amounts of the six lowest tenders received for Sections 17, 18, 19, 20, 27, 28, 33, 34 and 35 of the new Welland Canal, with the names of the tenderers, &c. (*Not printed.*)
- No. 58b...** ————Return to Address:—1st. The amounts of the six lowest tenders received in September or October, 1873, for Sections 2, 3, 5, 6, 7, 12, 13 and 14 of the new Welland Canal, with the names of tenderers; 2nd. The amounts of the six lowest tenders for the same Sections, received in 1874, with the names of the tenderers; 3rd. The names of the tenderers to whom these sections were awarded; 4th. Copies of the Orders in Council awarding such Sections; 5th. Copy of all Correspondence relating to such award.
- No. 59...** PENSIONS, CULLERS:—Return to Order, Correspondence relative to the pensions paid to the square timber cullers dismissed last year. (*Not printed.*)
- No. 60...** MALPEQUE BREAKWATER:—Return to Order, Copy of Specification for construction of Malpeque Breakwater; copies of Tenders, with names of sureties offered for performance of contract, &c. (*Not printed.*)
- No. 61...** SASKATCHEWAN RIVER:—Return to Order, Report of Surveys of the Saskatchewan River having in view the removing the obstructions which now exist at the Coals Falls and other points between that place and the Grand Rapids. (*Not printed.*)

- No. 62... PHILADELPHIA EXHIBITION:—Return to Order, Showing total cost to the Government of Canada of the Philadelphia Exhibition; giving a detailed statement of all moneys expended, &c.
- No. 63... EMPLOYÉS, DEPARTMENT MARINE, QUEBEC:—Return to Order, List of all the Employés of the Department of Marine in the District of Quebec, since 1861, (excluding the men employed in the River Police Force), with their salaries and respective places of residence. (*Not printed.*)
- No. 64... PEMBINA BRANCH RAILWAY:—Return to Address, Tenders received for the construction of that portion of the Pembina Branch Railway between St. Boniface and Selkirk, with copies of all Reports, &c., relating to the letting of this work.
- No. 65... TREMBLAY, P. A., &c.:—Return to Order giving: 1st. A detailed statement of all sums of money received by Pierre Alexis Tremblay, Esquire, Land Surveyor, in connection with the Ordnance Lands in 1876 and 1877; 2nd. A statement showing all the sums of money received during the said two years by Dorila Tremblay, as Lighthouse Keeper at Portneuf, &c. (*Not printed.*)
- No. 66... TIGNISH BREAKWATER:—Return to Order, Showing what lights have been built at Tignish Breakwater during the past season; with Correspondence from the Agent for the Marine and Fishery Department in Prince Edward Island relative thereto. (*Not printed.*)
- No. 67... LAPSED BALANCES 1876-77:—Return to Address, Orders in Council relating to balances of appropriations of 1876-77 which may have lapsed, and been carried over to the following year. (*Not printed.*)
- No. 68... MINISTERIAL CHANGES, QUEBEC:—An Address from the Legislative Council of the Province of Quebec to the House of Commons,—also an Address from the Legislative Assembly of the Province of Quebec to the House of Commons, on the subject of recent Ministerial changes in that Province.  
 ————Message transmitting Memorandum from His Honor the Lieut. Governor of the Province of Quebec, with accompanying documents, containing explanations in reference to the recent Ministerial changes in that Province.  
 ————Message transmitting letter from the Hon. C. B. De Boucherville, having reference to recent Ministerial changes in the Province of Quebec.
- No. 69... ST. CHARLES RIVER, QUEBEC:—Return to Address, Statement showing the names of the parties who tendered for the works now being constructed under the control of the Quebec Harbour Trust on the River St. Charles at Quebec. (*Not printed.*)
- No. 70... SHIPS, CANADIAN BUILT:—Return to Address, Correspondence, &c., about the admission of Canadian built ships into French ports at the same rate, and on the same conditions as ships from Great Britain and Ireland are admitted in said ports.
- No. 70a... ————Return to Address, Correspondence that the Government may have had respecting the sale of Canadian built ships in France, on the same favourable terms as are enjoyed by vessels of British construction; also, as to the admission of French products into this country on more favourable terms than at present. (*Not printed.*)
- No. 71... STEAM VESSELS, REMEASUREMENT:—Return to Order, Showing the amount expended for the remeasurement of steam vessels registered under the Act of the late Province of Canada, now repealed; the names of the steam vessels; their tonnage; the amount paid, and to whom the said vessels belonged. (*Not printed.*)
- No. 72... HORSES, &c, IMPORTED:—Return to Order, Statement of the number and value of all Horses, Horned Cattle, Sheep and Swine imported into the Dominion from the first day of February, 1877, to the 1st day of February, 1878; also number and value exported during the same period; with amount of duties collected by Provinces.
- No. 73... MEAT IMPORTED:—Return to Order, Value of meat, green, dried, cured or potted, imported into Canada from the United States, and the duty collected on such, from 1st January, 1877, to 1st January, 1878.
- No. 74... INGONISH HARBOR BREAKWATER:—Return to Order, Papers connected with Ingonish Harbor Breakwater, not already brought down, stating the date of the several payments to the contractors; the total amount paid for the work, and the Engineer's certificates for the several payments, and also for extras paid to the contractors. (*Not printed for Sessional Papers—for distribution only.*)
- No. 75... CANADA SOUTHERN RAILWAY:—Return to Order, Annual Returns of the capital, traffic and working expenditure, for the two last financial years, of the Canada Southern Railway Company. (*Not printed.*)
- No. 76... PORT COLBORNE HARBOR MASTER:—Return to Address, Orders in Council relating to the creation of the office of Harbor Master at Port Colborne, and to the appointment of Charles H. Carter to such office, with copy of the Regulations for the management and protection of the Canals and Harbors.



- No. 77... CUSTOMS DUTIES, ST. JOHN, N.B.:—Return to Order, Statement of duties collected by Customs and Inland Revenue Departments at St. John, N.B., from 1st July, 1876, to 1st January, 1877, and from 1st July, 1877, to 1st January, 1878. (*Not printed.*)
- No. 78... ACCIDENTS, RAILWAYS:—Return to Order, Shewing the number of accidents and casualties which have occurred on the Railways of the Dominion during the years 1874, 1875, 1876 and 1877.
- No. 79... TIMBER SALES, INDIAN LANDS:—Return to Address, Shewing what sales were made of Timber on Indian Lands on the North Shore of Lake Huron, or on the Islands in the Georgian Bay or elsewhere, since the 1st day of January, 1873. (*Not printed.*)
- No. 80... SUPREME AND EXCHEQUER COURTS:—Copies of General Rules and Orders, as have been made by the Judges of the Supreme and Exchequer Courts since the last Session of Parliament. (*Not printed.*)
- No. 80a... ————Return to Address, Return of all Appeals instituted before the Supreme Court of Canada since its creation, shewing the names of parties, the Court from whose judgement each Appeal has been brought, and indicating the cases already disposed of by the said Supreme Court, and the cases yet pending. (*Not printed.*)
- No. 80b... ————Return to Address, Return of all cases instituted in the Exchequer Court of Canada since its creation, &c., and indicating separately the cases disposed of by the said Court and those yet pending. (*Not printed.*)
- No. 80c... ————Return to Address, Return of all Petitions of Right transmitted to the Secretary of State since the passing of the "Petition of Right Act, 1876"; shewing the names of Suppliants, the amount and nature of each claim, in what cases His Excellency's fiat that right be done to the parties was granted, and in what cases refused. (*Not printed.*)
- No. 80d... ————"The Dominion Controverted Elections Act, 1874"—Jacques Cartier County.—Somerville *et al* vs. Laflamme. Evidence of, &c. (*Not printed.*)
- No. 81... MIRAMICHI, N.B., FISH-BREEDING:—Special Reports on the condition of the Fish-Breeding Establishment at Miramichi, New Brunswick. (*Not re-printed in Sessional Papers.*)
- No. 82... OROMOCTO SHOALS:—Return to Address, Reports and Correspondence connected with the improvement of the navigation of the River St. John at the Oromocto Shoals. (*Not printed.*)
- No. 83... QUARANTINE HOSPITAL, SYDNEY, C.B.:—Return to Address, Correspondence between the Dominion Government and the Imperial Government in reference to a site for building a Quarantine Hospital at Sydney, Cape Breton. (*Not printed.*)
- No. 84... POPLAR POINT, MANITOBA:—Return to Order, Statement shewing the number of Lots South of the Assiniboine River, in the Parish of Poplar Point, in the Province of Manitoba, for which Patents have been issued, &c., under the Manitoba Act or otherwise. (*Not printed.*)
- No. 85... PARIS EXHIBITION:—Return to Order, Statement of all moneys paid or obligations incurred to the 1st of January last, in connection with the Paris Exhibition. (*Not printed.*)
- No. 86... TRAWLS OR BULTOWS:—Return to Order, Correspondence and Petitions in the hands of the Government respecting the use of Trawls or Bultows by Foreigners, off the coasts of Nova Scotia. (*Not printed.*)
- No. 87... ADVERTISING:—Return to Order, Statement of the expenses during the years 1874, 1875 and 1876 in advertising on behalf of the Government or any public service in the public journals of the Dominion.
- No. 88... IRON:—Return and Supplementary Return to Order, of all quantities of Iron purchased by any of the Departments of the Government for other than Railway purposes, by tender or otherwise.
- No. 89... FRAZER RIVER, SALMON FISHING:—Return to Address, Tenders that have been received for the leasing of the exclusive right of Salmon fishing and netting in the Frazer River, British Columbia. (*Not printed.*)
- No. 90... DAWSON ROUTE:—Return to Address, Correspondence relating to amounts claimed by Messrs. Carpenter & Co., on account of their contract for operating the Government Road commonly known as the Dawson Route. (*Not printed.*)
- No. 91... VICTORIA HARBOUR, WOOD ISLAND:—Return to Order, Copy of the Government Engineer's Report on Victoria Harbour and Breakwater at Wood Island. (*Not printed.*)
- No. 92... CASCUMPEC HARBOUR:—Return to Order, Copy of Survey and Report made by Henry F. Perley, Esq., Engineer, in 1874, with the view of improving the navigation of Cascumpec Harbour, in Prince Edward Island. (*Not printed.*)

- No. 93... ST. JOHN'S BRIDGE:—Return to Order, Correspondence in relation to the St. John's Bridge, on the River Richelieu. (*Not printed.*)
- No. 94... ROSS, ANGUS:—Return to Order, Correspondence regarding the removal of Mr. Angus Ross, Lighthouse Keeper of Bird Island Light, County of Victoria, Nova Scotia. (*Not printed.*)
- No. 95... GIBLIN, JOHN:—Return to Address, Correspondence between the Government and John Giblin, of Quebec, in relation to the lease of the house now occupied as the Culler's Office at Quebec. (*Not printed.*)
- No. 96... RAILWAY STATISTICS OF CANADA:—Reports, Railway Statistics of Canada, and Capital, Traffic and Working Expenditure of the Railways of the Dominion, 1876-7.
- No. 97... RED RIVER LOSSES:—Return to Address, Correspondence between the Hudson Bay Company and the Dominion Government, relative to alleged losses at the Red River Settlement, connected with the insurrection in 1869-70.
- No. 98... BOSWELL, J. K.:—Return to Address, Orders in Council relating to the recent seizure of Mr. J. K. Boswell's Brewery, in the City of Quebec; and to the imposition of certain fines and penalties in connection therewith, &c. (*Not printed.*)
- No. 99... CADETS, ROYAL NAVY:—Return to Address, Statement showing: 1st. The number, if any, of Cadets nominated annually to the Royal Navy by the several Colonies of the Empire; 2nd. The names of such Cadets as have been nominated to Her Majesty's Royal Navy by Canada, since the 1st July, 1867. (*Not printed.*)
- No. 100... COLLINGWOOD, HARBOUR MASTER OF:—Return to Address, Order in Council, regulating and determining the rights, powers and duties imposed on the Harbour Master for the Port of Collingwood, and fixing his remuneration; and a Statement shewing the moneys received by the Harbour Master of the said Port. (*Not printed.*)
- No. 101... "NORTHERN LIGHT," STEAMER:—Return to Order, Accounts and Vouchers showing the amount of expenses incurred in the running the steamer *Northern Light*, between Georgetown and Pictou up to date. (*Not printed.*)
- No. 102... McFARLANE, HON. ALEX.:—Return to Address, Correspondence, &c., connected with a Lease from the Government of Nova Scotia and from the Dominion Government to the Hon. Alex. McFarlane, of certain mud flats and oyster beds in the Counties of Colchester and Cumberland. (*Not printed.*)
- No. 103... AMMUNITION, VOLUNTEER:—Return to Order, Giving in detail the amount of ammunition furnished during the years 1875, 1876 and 1877, to the Active Volunteer Battalions and Companies of the Dominion.
- No. 104... ST. ATHANASE, PARISH OF:—Return to Address, Correspondence in relation to any application for aid in behalf of certain ratepayers of the Parish of St. Athanase in the County of Iberville, who have suffered loss by floods. (*Not printed.*)
- No. 105... CITY AND DISTRICT SAVINGS BANK, MONTREAL:—Return to Address, A statement shewing the position of the Bank at the period of its re-organization in 1871; Also shewing how the Directors fixed at \$180,000 the surplus or poor fund; Also how the capital stock was taken up, and the names of shareholders, &c. (*Not printed.*)
- No. 106... SOUTH GUT, POST OFFICE:—Return to Order, Correspondence respecting the removal of the Post Office at South Gut of Ste. Ann's, County of Victoria, Nova Scotia. (*Not printed.*)
- No. 107... PORT HASTINGS AND NARROWS, N.S.:—Return to Order, Correspondence regarding the conveyance of the mails between Port Hastings and Grand Narrows in Nova Scotia. (*Not printed.*)
- No. 108... SPIKES, PACIFIC RAILWAY:—Return to Order, Copy of all notices and letters issued by the Department of Public Works calling for tenders for the supply of railway spikes for the Canada Pacific Railway.
- No. 109... WIRE FENCE, P. E. I. RAILWAY:—Return to Order, Correspondence shewing how many miles of wire fence has been taken down and replaced by post and batten fence, and the cost of erecting said post and batten fence. (*Not printed.*)
- No. 110... SURVEYS, LAKES MANITOBA, &c.:—Return to Order, Report of Surveys made of Lakes Manitoba and Winnipegosis, the Waterhen River and Little Saskatchewan River.
- No. 111... McDONALD, D.:—Return to Order, Papers, &c., relating to the dismissal of D. McDonald, Postmaster at Little Glace Bay, Cape Breton. (*Not printed.*)

- No. 112.. POST OFFICES, N.B.:—Return to Address, Petitions from the inhabitants of the Parish of Perth, N.B., praying for the establishment of new Way or Post Offices in that parish, and correspondence between the Government and the Inspector of Post Offices for New Brunswick, bearing upon the same subject. (*Not printed.*)
- No. 113.. CADIGAN, J.:—Return to Order, Correspondence touching the resignation of J. Cadigan, as Postmaster at Little Glace Bay, Cape Breton County. (*Not printed.*)
- No. 114.. CORBETT, JAMES:—Return to Order, Correspondence relating to the dismissal of James Corbett, Postmaster at Lorway Mines, Cape Breton County. (*Not printed.*)
- No. 115.. VICTORIA MINES, C. B.:—Return to Order, Correspondence between the Post Office Department and all persons, touching the Postmaster and Post Office affairs at Victoria Mines, Cape Breton County, for the past three years. (*Not printed.*)
- No. 116.. GAUVREAU, J. P.:—Return to Order, Report, for the year 1877, of J. P. Gauvreau, Collector of Customs for the Port of Rimouski. (*Not printed.*)
- No. 117.. CARRON BROOK VILLAGE:—Return to Order, Correspondence respecting the establishing of Bonded Warehouses at the Village of Carron Brook and Town of Clinton, County of Huron. (*Not printed.*)
- No. 118.. TUBING:—Return to Order, Amount of all tubing imported into Canada during the year immediately preceding the imposition of duty on Tubing by the Tariff of last Session. (*Not printed.*)
- No. 119.. NORTHERN RAILWAY, ROYAL COMMISSION:—Return to Address, Fees paid by the Government of Canada to all Counsel employed in connection with the Royal Commission appointed to enquire into the affairs of the Northern Railway. (*Not printed.*)
- No. 120.. COW BAY, C.B.:—Return to Order, Correspondence relating to the removal of the Postmaster at Cow Bay, Cape Breton. (*Not printed.*)
- No. 121.. MAILS, QUEBEC AND MURRAY BAY:—Return to Order, Correspondence about the carrying of the mails by water from Quebec to Murray Bay, in the County of Charlevoix, for the year 1877; also the cost of carrying the mails to Tadousac, Chicoutimi, Eboulements and Baie St. Paul. (*Not printed.*)
- No. 121a.. —Return to Address, Tenders received in 1877 for the carrying by land of the mails from Quebec to Eboulements or Murray Bay; also a copy of all Orders in Council or Departmental Orders relating to the same. (*Not printed.*)
- No. 122.. PLASTER OF PARIS:—Return to Address, Statement of the quantities of Plaster of Paris or Gypsum, ground or calcined, imported from the United States during the past fiscal year, shewing quantity received at each Port and valuation of same for duty. (*Not printed.*)
- No. 123.. RAILWAY STOCK IN BOND:—Return to Order, Statement of the names of Railway Companies who entered in bond, since the 1st July, 1867, railway locomotives and other railway rolling stock, and the date of payment of custom duties;—Also the names of such Companies whose rolling stock were ordered to be sold by the Minister of Customs. (*Not printed.*)
- No. 124.. McNEIL, R.:—Return to Order, Correspondence relating to the dismissal of R. McNeil, Esq., as Shipping Officer at Little Glace Bay, Cape Breton County. (*Not printed.*)
- No. 125.. ALASKA:—Return to Address, Report of the Engineer who was employed last year in determining the probable boundary line between British Columbia and Alaska, and such other papers as relate to the defining of the boundary line between Alaska and British territory.
- No. 126.. GEOLOGICAL SURVEY:—Report of Progress of the Geological Survey of Canada, by Alfred R. C. Selwyn, F.R.S., F.G.S., Director, for the year 1876-77. (*Not re-printed in Sessional Papers.*)
- No. 127.. TERRITORIES, N. A. CONTINENT:—Message, transmitting Correspondence which has passed with Her Majesty's Government respecting the inclusion within the Boundaries of the Dominion of Territories on the North American Continent. (*Not printed.*)
- No. 128.. RAT RIVER SETTLEMENT:—Return to Address, Orders in Council on the subject of the lands at the place known by the name of Rat River Settlement, and on the Red River, in the County of Provencher, as well as in the settlement of La Petite Pointe de Chênes, in the Parish of Loretto, in the County of Selkirk, in the Province of Manitoba. (*Not printed.*)
- No. 129.. VALLÉE, J. S.:—Return to Order, Complaint made in 1875 against J. S. Vallée, Esquire, Postmaster of Montmagny, and copy of the Enquête held in 1875 by Mr. Achille Talbot, Deputy Post Office Inspector, on said Complaint. (*Not printed.*)

- No. 130.. LAND, CANAL PURPOSES:—Return to Order, Shewing the several amounts of money paid out out of the \$39,256.01, deposited in the Bank of Montreal, to pay certain parties for land taken for Canal purposes, and the names of the parties who have been paid. (*Not printed.*)
- No. 131.. PENSIONS, PUBLIC OFFICERS, B. C.:—Return to Address, Correspondence respecting the pensions for Public Officers who were in the service of British Columbia at the date of the Union, 1871. (*Not printed*)
- No. 132.. MORRIS, HON. A.:—Return to Address, Report made to the Government by the Honorable A. Morris, Commissioner under the Act 38 Victoria, Chapter 53, on the putting into execution of that law and its operation in the Province of Manitoba.
- No. 133.. CERTIFICATES, SCHOOLS OF GUNNERY:—Return to Order, Ranks and names of all officers who have attended and taken long or short course certificates at the "A" or "B" Battery Schools of Gunnery. (*Not printed.*)
- No. 134.. THOUSAND ISLANDS:—Return to Order, Statement of all sales or leases of the Islands in the River St. Lawrence, lying between Brockville and Kingston, known as the "Thousand Islands," during the years 1874-5, 1875-6 and 1876-7, &c. (*Not printed.*)
- No. 135.. LA BANQUE NATIONALE:—Return to Address, Correspondence between the Government, or the Minister of Justice, and the creditors of one Olivier Latour, or any of them, or any persons on their behalf, in relation to the alleged forfeiture of its Charter by La Banque Nationale by reason of its illegally trading in Lumber and in the manufacture and sale of Square Timber and Saw Logs, &c. (*Not printed.*)
- No. 136.. TOLLS, UPPER OTTAWA IMPROVEMENT Co.:—Return to Address, Orders in Council fixing the rate of Tolls to be collected by the Upper Ottawa Improvement Company, on saw logs and timber passing through their works. (*Not printed.*)
- No. 137.. DOMINION POLICE:—Return shewing the average number of Dominion Police employed during each month of the year, ended 31st December, 1877; the cost of pay, and of travelling expenses. (*Not printed.*)
- No. 138.. MARINE AND FISHERIES, P.E.I.:—Return to Address, Contracts, Telegrams and agreements relating to the Service of the Marine and Fishery Department at Prince Edward Island, since the entry of said Island into the Dominion, in July, 1873. (*Not printed.*)
- No. 139.. TIMBER AND SAWED LUMBER IMPORTED:—Return to Address, Quantities and value of the Square White Pine, Pine Board Timber, &c.; and value of the Red and White Oak Staves; the total quantities and their value of Sawed Lumber, in White and Red Pine, &c., imported into Canada by water or by rail from the United States of America.
- No. 140.. WINDSOR AND ANNAPOLIS RAILWAY:—Return to Address, Correspondence connected with the Windsor and Annapolis Railway, the Windsor Branch and the Western Counties Railway; in connection with the purchase of an annuity by the Western Counties Company.
- No. 141.. EXCISE, STAMPS AND CUSTOMS:—Return to Address of all duties of excise for this Dominion, for the months of July, August, September, October, November, December, 1877, and the months of January, February and March of 1878. (*Not printed.*)
- No. 141a ———— Return to Address, Return of all duties for Stamps for this Dominion for the months of July, August, September, October, November, December, 1877, and the months of January, February and March of 1878, &c. (*Not printed.*)
- No. 141b ———— Return to Address, Return of all duties of Customs for this Dominion for the months of July, August, September, October, November, December, 1877, &c. (*Not printed.*)
- No. 141c ———— Return to Address, Return of all duties of Customs for the Dominion for the months of July, August, September, October, November, December, 1876, &c. (*Not printed.*)
- No. 141d ———— Return to Address, Return of all duties for Stamps for this Dominion for the months of July, August, September, October, November, December, 1876, &c. (*Not printed.*)
- No. 141e ———— Return to Address, Return of all duties of Excise for this Dominion for the months of July, August, September, October, November, December, 1876, &c. (*Not printed.*)
- No. 141f ———— Return to Address, Return of all duties of Excise for the City of St. John, New Brunswick, for the months of July, August, September, October, November, December, 1877, &c. (*Not printed.*)
- No. 141g ———— Return to Address, Return of all duties of Customs for the City of St. John, New Brunswick, for the months of July, August, September, October, November, December, 1877, &c. (*Not printed.*)
- No. 141h ———— Return to Address, Return of all duties of Customs for the City of St. John, New Brunswick, for the months of July, August, September, October, November, December, 1876, &c. (*Not printed.*)

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|------------------|--|
| No. 141i         | Return to Address, Return of all duties of Excise for the City of St. John, New Brunswick, for the months of July, August, September, October, November, December, 1876, &c. ( <i>Not printed.</i> )   |
| No. 141j         | Return to Order, Shewing the receipts for Customs and Excise in British Columbia for the six months ending on December 31st last; also, a Return of the Customs and Excise collected on Stickine River for the same period; also, a Return of the Imports and Exports of the said Province for the same period, &c.  |
| No. 142.         | EXCISE, STAMPS AND CUSTOMS:—Return to Address, Return of all duties of Excise for this Dominion for the months of July, August, September, October, November, December, 1877, and the months of January, February, and March of 1878, as well as the months of April, May and June of 1877.  |
| No. 143.         | HAWKS, SUIT OF:—Return to Address, Copies of the Bill of Complaint and the Decree in the suit of Her Majesty's Attorney General for Canada <i>versus</i> Hawks, now pending in the Chancery Division of the High Court of Justice in England.  |
| No. 144.         | MUIR POST OFFICE:—Return to Order, Correspondence in relation to closing Muir Post Office, &c.; Correspondence in relation to dismissal of Charles Lilley as Postmaster in London East, and the appointment of Mr. Mills as Postmaster in his stead. ( <i>Not printed.</i> )   |
| No. 145.         | GREAT VILLAGE:—Return to Address, Correspondence in reference to the change of Mail route between Great Village and Five Islands, <i>via</i> Portapique Mountain, in the County of Colchester. ( <i>Not printed.</i> )   |
| No. 146.         | APPOINTMENTS TO OFFICE:—Return to Order, For a Return of the original papers made and signed by the Deputy Heads of the different Public Departments purporting to be made in obedience to the Order of this House of the fifth day of March, 1877, as follows:—The names of persons appointed to office between the 1st of January and the 7th of November, 1873, &c. ( <i>Not printed.</i> ) |
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| No. 147.         | HALIFAX COMMISSION:—Return to Address, Documents and pleadings relating to the questions decided by the award rendered at Halifax, on the subject of the indemnity of five million five hundred thousand dollars, under the Treaty of Washington.  |

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REPORT,  
RETURNS AND STATISTICS  
OF THE  
INLAND REVENUES  
OF THE  
DOMINION OF CANADA  
FOR THE  
FISCAL YEAR ENDED 30TH JUNE, 1877.

*Presented to both Houses of Parliament by Command of His Excellency.*

WILFRID LAURIER,

*Minister of Inland Revenue.*



OTTAWA :  
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.  
1878.



To His Excellency the Right Honorable Sir FREDERIC TEMPLE Earl of DUFFERIN,  
K.P., K.C.B., P.C., Governor General of Canada, &c., &c., &c.

MAY IT PLEASE YOUR EXCELLENCY :

I have the honour to transmit to Your Excellency the RETURNS and STATISTICS of Inland Revenue of the Dominion of Canada, for the Fiscal Year ended 30th June, 1877, as prepared and laid before me by the Commissioner of Inland Revenue.

All of which is respectfully submitted.

WILFRID LAURIER,

*Minister of Inland Revenue.*

20th January, 1878.





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COMMISSIONER'S REPORT.

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# COMMISSIONER'S REPORT.

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# REPORT.

To the Honorable

The Minister of Inland Revenue.

SIR,—Herewith I have the honor to submit statements of the revenues collected by this Department for the Fiscal Year ended 30th June, 1877, together with the usual information as to the cost of collecting them, and statistical details respecting the sources whence these revenues were derived.

1. The following summary comparison shows the accrued revenues for the years ended 30th June, 1873-74-75-76 and '77, respectively

Comparative statement for five years.

	1873.	1874.	1875.	1876.	1877.
	\$	\$	\$	\$	\$
Excise.....	4,513,194	5,012,582	5,110,353	5,538,277	4,950,624
Public Works.....	636,798	672,120	558,699	537,026	547,377
Culling timber.....	79,767	95,913	89,597	71,953	67,128
Bill Stamps.....	201,496	209,233	244,592	226,960	208,968
Weights and Measures, Gas and Law Stamps.....				2,116	55,037
<b>Total.....</b>	<b>5,431,255</b>	<b>6,589,848</b>	<b>6,003,241</b>	<b>6,376,332</b>	<b>5,829,154</b>

2. By the above Statement, it will be seen that the accrued revenue during the year just closed was \$5,829,154, as against \$6,376,332 for the years 1875-76, being a decrease of \$547,178, or about 8.58 per cent.

Details of decrease.

This decrease has arisen as follows :—

Upon Excise.....	\$587,653
“ Culling Timber.....	4,825
“ Bill Stamps.....	17,992
	\$610,470

There was an increase in the revenue :—

From Public Works, of.....	\$10,351
“ Weights and Measures, Gas and Law Stamps, of.	52,941
	63,292

Leaving a net decrease of.....\$547,178

Chief loss on  
spirits and  
tobacco.

3. The total decrease on the whole of the revenues included in the above Statement, is more than accounted for by the decrease in the duties collected on spirits and tobacco. The decrease on the former being \$449,041, and in the latter \$145,060, or \$594,101 on these two articles. The decrease in the revenue derived from petroleum is accounted for by the repeal of the duty which took effect on and from the 20th February, 1877. The collection, therefore, extended only over a period of seven and a half months.

Summary  
statement of  
excise.

4. THE following Statement will show how the details of Excise Revenue accrued during the past year, compared with the four years ended 30th June, 1873, 1874, 1875 and 1876, respectively.

Articles.	1	2	3	4	5
	1873.	1874.	1875.	1876.	1877.
	\$	\$	\$	\$	\$
Spirits .....	2,825,141	3,503,365	2,977,221	3,090,993	2,650,852
Malt Liquor .....	26,598	25,570	29,976	14,188	7,475
Malt .....	358,332	354,765	351,386	327,709	389,257
Tobacco .....	1,013,557	1,401,271	1,434,778	1,775,450	1,630,390
Petroleum .. ..	237,777	274,439	268,553	285,553	235,329
Manufactures in Bond.....	33,780	40,006	37,176	27,834	30,054
Seizures .....	5,049	6,289	5,220	1,675	1,597
Other Receipts.....	12,962	6,877	6,043	5,975	5,670
Total.....	4,513,196	5,612,582	5,110,353	5,538,277	4,950,624

## SPIRITS.

5. The following tables of *quantities* are given for comparison as leading to a more just conception of the subject than a comparison of the revenues collected under rates of duty which have been frequently changed:—

1	2	3	4	5	6	7	8	9
Fiscal Year.	In Warehouse at commencement of period.	Manufactured during the year	Taken for Consumption.	Exported.	Used in Bonded Factories.	Otherwise accounted for.	In Warehouse at end of period.	Memo of Revenue accrued, including License Fees.
	Pf. Gals.	Pf. Gals.	Pf. Gals.	Pf. Gals.	Pf. Gals.	Pf. Gals.	Pf. Gals.	\$
1872-73....	950,703	4,622,931	3,730,337	272,944	218,783	68	1,351,502	2,825,140
1873-74....	1,351,502	4,528,118	4,566,508	164,730	234,242	937	913,203	3,503,364
1874-75....	913,203	4,682,923	3,303,298	168,709	250,764	26	1,873,329	2,977,221
1875-76... 1	1,873,328	3,111,346	3,441,125	83,037	182,260	1,466	1,276,786	3,099,893
	5,088,736	16,945,318	15,041,268	689,420	886,049	2,497	5,414,820	12,405,618
Annual Average of four years ended 30th June								
1876.	1,272,184	4,236,329	3,760,317	172,355	221,512	624	1,353,705	3,101,404
1876-77.... 1	1,276,786	3,546,878	2,942,337	173,470	193,928	208	1,513,720	2,650,852

6. From the above, it will be seen that the quantity of spirits taken for consumption during the past fiscal year, is less by 498,788 gallons, or 14½ per cent. than the quantity taken in 1875-76, which, again, was less than the quantity taken in either of the four previous years, with the exception of 1874-75. The quantity taken in 1876-77 is less than the average of the four preceding years by 817,980 gallons, equal to nearly 21¼ per cent.

7. The large entries of spirits for duty in January and February, 1876, were made in anticipation of an increase in the Excise, and although the entries for the corresponding months of 1877 may have been, to some extent, influenced by a similar cause, the quantities in bond were much less, and the holders probably less able to carry the financial burden, especially those who had not yet relieved themselves of the duty paid stocks entered in 1876, and of which considerable quantities were still on hand. It is probable, therefore, that

the apparent falling off in the amount of duty collected on spirits during the past fiscal year is, to a considerable extent, due to the large entries for duty in 1876, under the influence above referred to.

Comparison of average of two years with previous averages.

8. But the average quantity of spirits taken for consumption during the two years 1875-76 and 1876-77, fall below the average of the preceding four years by 660,377 gallons, and if we take into account the usual increase in the population, the apparent decreased consumption per head will not be overestimated if stated as representing a total of 750,000 gallons.

9. This falling off, may, I think, be attributed to three causes:—

Causes of decrease consumption.

(a.) The uncertainty of dealers and publicans, as to the direction which legislation might take in relation to prohibition, and a consequent determination to hold as small quantities in stock as is consistent with immediate wants.

(b.) Illicit distillation.

(c.) An actual decrease in consumption, consequent on the decreased ability of many classes of the people to purchase.

Increased number of entries.

10. In evidence of the first of these causes, I may mention that although the quantity of spirits entered for consumption has decreased to the extent above stated, the number of entries has largely increased, which fact may be accepted as an indication that traders are doing a cautious business, and avoiding any increase in their stocks.

Illicit distilleries.

11. With reference to illicit distillation, I submit that the constantly increasing number of seizures of illicit stills is a justification of the assumption that this traffic has been a serious cause of loss to the revenue. Previous to the 1st July, 1875, the total number of illicit stills seized was 189, during the fiscal year ended 30th June, 1876, the number seized was twenty. During the past fiscal year we seized forty-seven, and from the 1st July to 31st December, ulto., there were eighteen seizures; these seizures have been made with increasing frequency as the year has advanced, and there is reason to fear that a great many are in operation, of which the exact locality has not yet been definitely ascertained.

12. As to the third, and perhaps the most important cause of the decreased revenue from spirits, it is unnecessary to offer any observations for the diminished purchasing power of almost all classes of the people is only too evident.

Diminishing purchasing power of the people.

13. It is impossible to furnish any reliable estimate of the quantity of spirits illicitly made, but considering the reported magnitude of some of the stills which have been seized, I am of the opinion that the loss to the revenue from frauds of this nature, will be equal to the duty on not less than 200,000 proof gallons.

No accurate estimate of loss to revenue from illicit distillation can be made.

14. It is of great importance to the revenue that these frauds should be suppressed, and the Department has substantial reasons for believing that a rigid enforcement of the law passed during the last Session of Parliament will have the desired effect.

Importance to revenue of suppressing frauds.

15. The Statement in appendix C shows the number of illicit stills seized during the past fiscal year, the names of the parties from whom the seizures were made, and the nature of the punishment inflicted in the cases in which a conviction was obtained.

Number of illicit stills seized.

16. The quantity of spirits held in bond at the commencement of the past fiscal year was 236,934 proof gallons less than the quantity held at its close, the quantities being respectively 1,276,786 and 1,513,720 gallons, and the last mentioned quantity is greater by 160,015 gallons than the average quantity held at the close of each of the preceding four years.

Quantities in bond.

17. The quantity of spirits exported in 1876-77 was 173,470 proof gallons, a very slight increase over the average quantity—172,355 gallons—exported in each of the preceding four years. There has been a small decrease—27,584—in the quantity taken into bonded manufactories.

Exports.

18. Two statements are given in Appendices A. & B., showing the consumption of goods subject to Excise (including similar goods imported and subject to Customs duties) per head of the estimated population in the several Provinces and in the Dominion, during a series of years, being a continuation of similar statistics in former Reports.

Consumption of exciseable goods per capita.

## MALT AND MALT LIQUOR.

Comparison  
of five years  
as to malt.

19. The following Statement shows the transactions in malt during the year ended 30th June, 1877, and four preceding years.

Fiscal Year.	1	2	3	4	5	6	7
	In Warehouse at commencement of period.	Manufactured during the year.	Taken for Consumption.	Exported.	Other-wise accounted for.	In Warehouse at end of period.	Memo. of Revenue accrued thereon, including License Fees.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$
1872-73	13,381,439	44,133,995	33,955,694	10,193,631	504,068	12,862,041	358,332
1873-74	12,862,041	31,802,989	33,369,016	6,233,367	412,292	4,650,355	354,765
1874-75	4,650,355	41,039,986	33,016,082	4,677,960	33,360	7,962,939	351,386
1875-76	7,962,939	51,876,385	30,693,447	10,123,378	7,190	19,015,309	327,709
	38,856,774	168,853,355	131,034,239	31,228,336	956,910	44,490,644	1,392,192
Annual average of four years ended June 30, 1876	9,714,193	42,213,339	32,758,560	7,807,084	239,227	11,122,661	348,048
1876-77	19,015,309	39,235,298	28,878,551	11,577,814	2,910	17,791,332	389,257

Comparison  
of averages.

20. The above Statement shows that the quantity of malt manufactured, during the past fiscal year, is less than the average of the four previous years, by 2,978,041 lbs., and less than the quantity manufactured in 1875-76 by 12,641,087 lbs., while the quantity taken for consumption was 3,880,009 lbs. below the average, and 1,814,896 lbs. less than was taken in 1875-76. These figures show that there has been a steady decline in the quantity of malt used during the past five years.

Exports.

21. The quantity of malt exported last year, is 3,770,730 lbs. in excess of the average exports of the preceding four years, and 1,454,436 lbs. in excess of the exports of 1875-76.

In bond.

22. The quantity remaining in bond on the 30th June, 1877, was less than the quantity in bond at the commencement of the year by 1,223,977 lbs.

Quantity used  
for brewing.

23. Of the quantity of malt used during the fiscal year, 27,471,797 lbs., were used in the manufacture of malt liquor, and 3,013,920 lbs. in distilling. It is somewhat remarkable that notwithstanding the increased duty on malt which was in operation during about one-third of the past malting season, the use of glucose, sugar, and

syrup as a substitute for malt has been entirely discontinued, and yet the relative duty on beer made from such articles in proportion to the duty on malt has only been increased one-quarter of one per cent.

24. There has been refunded \$3,985 under the Act 31 Vic., cap. 8, as a drawback of malt duty on malt contained in 227,141 gallons of beer exported. After deducting this item it appears that the net revenue from malt used by brewers is \$361,991. Add to this \$44,732 collected on malt used in distilling and \$24,825 for maltsters and brewers' license fees, and we have a total of \$431,548 as the product of the Excise on malt and malt liquors. The amount collected from the same source in 1875-76 was \$331,047.42, the average during the preceding four years having been \$338,734 per annum. The increased duty on malt did not come into operation until the 20th of February, 1877, when two-thirds of the malting season had expired.

25. In my last Report I referred to the necessity which had arisen for greater stringency in determining the quantity of malt contained in beer exported, and on which a refund of duty is due to the brewer under the provisions of the Act above cited. The increase in the duty on malt has doubled the importance of this question, and I am able to state that the method now in use has been proved by repeated practical tests to be entirely trustworthy, and that there is no reason to fear any loss to the revenue on that account.

#### TOBACCO.

26. The transactions in manufactured tobacco of all descriptions stated in pounds, during the five years ended 30th June, 1877, are shewn in the following Statement:—

Year ended 30th June	1	2	3	4	5	6
	In Ware- house 1st July.	Manufac- tured during the year.	Taken for Con- sumption.	Exported.	Otherwise accounted for.	In Ware- house 30th June.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
1872-73.....	1,953,612	6,451,119	6,264,208	640,458	9,548	1,490,547
1873-74.....	1,490,547	8,805,276	8,484,193	483,357	12,989	1,315,284
1874-75.....	1,315,284	9,567,152	6,575,443	359,809	16,690	3,930,494
1875-76.....	3,930,494	7,168,446	8,353,955	630,492	5,802	2,108,691
	8,689,967	31,991,993	29,677,799	2,114,116	45,029	8,845,016
Annual aver- age of four years ended 30th June,						
1876.....	2,172,492	7,997,998	7,419,448	528,529	11,257	2,211,254
1876-77.....	2,108,691	8,991,610	7,720,633	609,519	22,927	2,745,745



To the above quantities are to be added the quantity of leaf taken for consumption in a raw state, during the same years, which will give the following additional columns:—

	7		8	9
	Raw Leaf taken for Consumption.		Total Tobacco taken for Consumption.	Duty collected thereon including License Fees
	Canadian.	Foreign.		
	Lbs.	Lbs.	Lbs.	\$
1872-73.....	50,408	255,223	6,569,839	1,013,557
1873-74.....	113,797	277,634	8,875,624	1,401,271
1874-75.....	65,529	228,172	6,869,144	1,434,778
1875-76.....	11,932	158,272	8,524,159	1,775,450
	241,666	919,301	30,838,766	5,625,056
Annual Average of four years ended 30th June, 1876.....	60,416	229,825	7,709,691	1,406,264
1876-77.....	8,630	87,203	7,816,466	1,630,390

Comparison of averages.

27. From the above, it appears that the production of manufactured tobacco, during the past fiscal year, has been 1,823,164 lbs. in excess of the quantity manufactured in 1875-76, and greater than the average annual production of the four preceding years by 993,612 lbs., but the quantity taken for consumption during the year ending 30th June, 1877, is less than the quantity taken during the preceding year by 633,322 lbs., though it is greater than the average taken during the four preceding years by 301,184 lbs.

Warehouse.

28. The stocks of manufactured tobacco in warehouse, at the close of the past fiscal year, exceed the stocks in warehouse at its commencement by 637,054 lbs., and they exceed the average of the preceding four years by 534,491 lbs.,

Small consumption of Canadian leaf

29. The additional column (No. 7) respecting raw leaf, presents an unsatisfactory statement in relation to that article. The quantity of Canadian leaf taken for consumption, as such, was at its maximum in 1873-74, when it amounted to 113,797 lbs. Since then there has been an annual decline until last year, when it amounted only to the nominal quantity of 8,630 lbs. Yet the information which comes to the Department from various sources, justifies the belief that there has been a steady increase in the quantity cultivated; and the num-

ber of seizures of such tobacco illegally offered for sale, indicates a wide spread determination on the part of the cultivators to evade the duty.

## CIGARS.

30. In continuation of the tabulated Statements submitted last year the following is now submitted:—

Comparative  
consumption  
of cigars.

Year.	Total Consumption.	Customs Duty.	Excise Duty.
	Lbs.		
1869 .....	225,760	\$3 to \$6 per M	\$1 to \$5 per M
1873 .....	674,609	45 cts. per lb.	30 cts. per lb.
1874 .....	676,429	45 do	40 do
1875 .....	488,273	70 do	40 do
1876 .....	507,866	70 do	40 do
1877 .....	417,703	50 do and 20 per ct. ad val.	40 do

The total consumption in 1877 shows, therefore, a decrease of about  $17\frac{1}{2}$  per cent., as compared with 1876, of which  $12\frac{1}{2}$  per cent. occurs on imported cigars, and 5 per cent. on cigars of Canadian manufacture.

Of the whole quantity taken for consumption the proportions have been:—

In 1869 imported.....	47·14	per cent.
Canadian.....	52·86	do
1873 imported.....	72·09	do
Canadian.....	27·91	do
1874 imported.....	64·64	do
Canadian.....	35·36	do
1875 imported.....	36·00	do
Canadian.....	64·00	do
1876 imported.....	38·48	do
Canadian.....	61·52	do
1877 imported.....	23·85	do
Canadian.....	76·15	do

## PETROLEUM.

Comparison  
of five years.

31. The following Statement shows the transactions in Petroleum for the past year.

1	2	3	4	5	6	7	8	9
Fiscal Year.	In Warehouse at commencement of period.	Manufactured during the year.	Taken for Consumption.	Exported.	Allowed for Waste, &c.	Light-houses Free.	In Warehouse at end of period.	Memo. of Revenue accrued, including License Fees.
	Galls.	Galls.	Galls.	Galls.	Galls.	Galls.	Galls.	\$
1872-73	453,026	12,168,406	3,763,742	7,997,937	171,969	73,786	613,998	237,776
1873-74	613,998	5,626,902	4,335,146	888,156	207,262	58,147	752,189	274,439
1874-75	752,188	4,009,663	4,279,496	1,140	325,670	21,687	133,858	268,552
1875-76	133,858	4,838,215	4,550,187	47,246	76,634	.....	298,006	285,553
	1,953,070	26,643,186	16,928,571	8,934,479	781,535	153,620	1,798,051	1,066,320
Annual average of four years ended June 30,								
1876	488,267	6,660,798	4,232,143	2,233,620	195,384	38,405	449,513	266,580
1876-77	298,006	7,913,754	3,656,366	3,923,720	622,463	.....	9,213	235,329

Repeal of the  
du

32. As the duty on petroleum was repealed last session of Parliament, and as the repeal took effect on and from the 20th February, 1877, the above statistics do not give a full account of the trade in that article during the year referred to.

Inspection  
continued.

33. The inspection of petroleum sold for consumption in Canada, is still continued under the supervision of this Department, as provided by 40 Vict., cap. 14. Statistics of such inspection will be continued; but since petroleum manufactured for export is exempt from inspection these statistics will not afford any reliable data in relation to the trade in that article.

## MANUFACTURES IN BOND.

Comparison  
of five years.

34. The revenue derived from duties levied on goods manufactured in bond—chiefly Vinegar and Methylated Spirits—during a series of five years, has been as follows—

1872-73.....	\$33,780
1873-74.....	40,006

1874-75.....	37,176
1875-76.....	27,834
1876-77.....	30,053

and call for no special comment.

**PUBLIC WORKS.**

35. During the past fiscal year there has been a small increase in the revenue from Canals; a more decided increase in the revenue from Slides and Booms and from minor public works, while the collections from Hydraulic rents have been considerably diminished. The following Comparative Statement gives the exact figures :—

Small increase of revenue.

	1875-76.	1876-77.	Increase per cent.	Decrease per cent.
	\$	\$		
Canal Tolls, &c.....	372,264	373,954	00.45	
Slides and Booms.....	101,868	115,862	13.73	
Hydraulic and other Rents.....	57,444	50,017		12.92
Minor Public Works.....	5,450	7,545	38.44	
	537,026	547,378		

*Canals.*

36. The following Statement gives a summary of the Canal revenue from the several Canals, shewing the increase and decrease in each case :—

Summary of canal revenues.

Canals.	1875-76.	1876-77.	Increase per cent.	Decrease per cent.
	\$	\$		
Welland.....	215,327	218,779	1.6	
St. Lawrence.....	88,534	81,370		8.09
Chambly.....	22,613	20,727		8.34
Ottawa.....	34,868	43,362	24.36	
Rideau.....	6,153	5,259		14.53
Burlington.....	4,014	3,793		5.05
St. Peter's.....	655			100.09
Newcastle District Works.....	100	664	564.0	
	372,264	373,954		

Summary of  
increase or  
decrease  
on Welland  
Canal.

37. The following figures indicate the several classes of articles upon which the revenue has decreased or increased on the Welland Canal:—

Tolls on	1875-76.	1876-77.	Decrease per cent.	Increase per cent.
	\$	\$		
Vessels.....	23,067	26,328		14 13
Passengers.....	186	407		118 81
Produce of Forest.....	25,611	35,503		38 62
do Animals.....	134	271		102 23
do Agriculture.....	86,855	77,620	11 69	
Manufactures and Merchandise.....	77,214	77,974		99
Total Tolls.....	213,067	218,103		
Fines and Damages.....	2,260	676		
Total.....	215,327	218,779		1 64

From the above, it appears that there was an increase in tolls collected on vessels and on all classes of goods, except agricultural products, on which there was a decrease.

Tranship-  
ment of grain  
at Port Col-  
borne.

38. The quantity of grain transhipped at Port Colborne in 1877 and three previous years, is given below. The total number of grain-laden vessels lightened at that port in 1877, was 53, as against 84 in the previous year. The number unladen without entering the Canal, was 49, as against 40 in 1876. The quantity of grain lightened was as follows:—

	1874	1875	1876	1877
	Cen als.	Centals.	Centals.	Centals.
Wheat.....	203,360	167,760	94,838	37,440
Corn.....	143,640	129,460	71,680	75,580
Barley.....				5,600

The quantity of grain discharged in the port from vessels which did not enter the Canal, was as follows:—

	1874	1875	1876	1877
	Centals.	Centals.	Centals.	Centals.
Wheat .....	539,620	653,820	389,000	337,040
Corn .....	659,400	145,800	247,040	422,800
Barley .....		9,440		

*Canal Statistics for the Season of Navigation.*

39. Following the plan adopted in my last Report, the statistics for the season of navigation, 1877, will be given separately, and will be accompanied by the usual comparative statements. Statistics for season of navigation to follow.

*Slides and Booms.*

40. The revenue accrued from these works in 1876-77, amounted to \$111,085. In 1875-76 it amounted to \$99,064, shewing an increase of \$12,021. The outstanding balances now amount to \$221,240, an increase of \$3,601. The greater portion of these balances consist of disputed claims, the settlement of which has been delayed from time to time. Comparison of revenue.

*Hydraulic Rents and Minor Public Works.*

41. The outstanding balances due on account of Hydraulic Rents have been augmented during the past year from \$193,199 to \$218,735. The balances due on Minor Public Works have been increased by \$1,876. The revenue accrued on all these works, was \$57,472, of which \$24,916 has been collected, and \$5,234 remitted by authority. Since the accounts from which the above figures are drawn were closed, steps have been taken to force the collection of such items in those balances, as to which there can be no valid question of liability. Outstanding balances.

*CULLING TIMBER.*

42. The fees accrued from culling timber in 1876-77 amounted to \$67,127, while the amount collected was \$74,216, thereby reducing the outstanding balances from \$33,901 to \$26,813. A considerable portion of this balance will probably be lost, but such of the items as are considered good have been placed in the hands of the agents of the Minister of Justice for collection, and a regulation has been established forbidding the supervisor to issue any specifications in future, until the fees arising thereon have been paid. Outstanding balances.

Cost of office  
in excess of  
revenues.

43. The cost of the Culler's office for 1876-77 was \$68,171, being \$944 in excess of the accrued revenue for that year. Under the amended Act respecting the culling of timber, passed during the last Session of Parliament, the number of cullers of square timber was reduced to eighteen, and twenty-seven were struck off the list, each being allowed an annuity of \$200. The earnings of each of the eighteen cullers retained are limited to \$700. The fees charged for culling square timber have in consequence been reduced  $12\frac{1}{2}$  per cent., but it would be premature to say whether that reduction can be extended further, or whether the tariff as now established will yield a sufficient revenue to meet the expenses of the office.

#### BILL STAMPS.

Comparison  
of revenue.

44. The revenue from this source in 1876-77 was \$208,968 as compared with \$226,959 in the previous year. There has, therefore, been a further decline of \$17,991. The decrease last year was \$17,444.

#### WEIGHTS, MEASURES AND GAS :

Expenditure  
and revenue.

45. An account of the expenditure and receipts in connection with this service, will be found at pp. 36 to 44 and pp. 229 to 243 of the appendices. This branch of the public service is now fairly established, and has made considerable progress towards effecting uniformity in the weights and measures used throughout the Dominion. A special report in relation thereto as been prepared, which together with the statistical details of the work done, will form a supplement to this Report.

#### PREVENTION OF ADULTERATION OF FOOD.

Amount expended.  
A supplementary report  
will follow.

46. During the past fiscal year the expenditure under this Act was \$4,863.21. A full account of the work done, with the Reports of the Analysts, will be found in a Supplementary Report.

#### OUTSIDE SERVICE.

Examination  
of officers.

47. During the fiscal year there were no examinations of outside officers, as the previous examinations had included all who were prepared, but since the close of the year, and in the months of July, August and September, examinations were held at the principal places with the following results :—

First Class.....	8
Second Class.....	19
Third Class.....	15

48. It will be observed that there were no examinations for *Special Class Excisemen*. The total number of this grade is determined by the Order in Council of 10th July, 1873, and as that number has been appointed it was not considered expedient, in view of the decreased number of distilleries, to offer any opportunities for passing into that class until vacancies occur which will require to be filled.

Appendices *D. E. F. G.* comprise returns in relation to the inspection of Staple Articles.

All of which is respectively submitte

A. BRUNEL,

*Commissioner.*

December 31, 1877.







APPENDIX A.

TABLE shewing the Annual Consumption per head of the undermentioned Articles paying Excise or Customs Duties in the respective Provinces and in the Dominion since Confederation.

	ONTARIO.					QUEBEC.					NOVA SCOTIA.					NEW BRUNSWICK.					PRINCE EDWARD ISLAND.					MANITOBA.					BRITISH COLUMBIA.					DOMINION.									
	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.					
	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Galls.	Lbs.	Galls.			
1861.....																																									1-621	1-973	098	1-815	
1868.....	1-534	2 156		1-596	094	1-278	2-319	308	1-804	073	0909	450	193	143	480	1-050	519	209	2-661	480																1-604	2-269	174	1-738	193					
1869.....	1-093	2-172	034	1-569	836	801	2-120	263	1-966	054	742	825	075	1-895	347	867	995	071	1-734	443																1-124	2-290	115	1-755	575					
1870.....	1-298	2-072	055	1-831	1-537	1-247	1-988	351	2-692	279	692	859	081	2-128	471	1-074	634	100	2-425	712																1-434	2-163	195	2-190	1-103					
1871.....	1-420	2-578	057	1-616	2-388	1-377	2-065	354	2-588	189	759	1-081	118	1-830	581	1-214	613	128	2-536	1-050																1-578	2-490	259	2-052	1-591					
1872.....	1-539	3-005	082	2-179	1-690	1-540	2-172	443	2-879	501	827	986	133	2-473	564	1-254	751	128	2-557	747																1-723	2-774	257	2-481	1-302					
1873.....	1-444	3-522	094	1-681	2-032	1-541	2-468	387	2-524	193	839	954	100	1-612	629	1-358	837	151	2-181	860																1-682	3-188	238	1-999	1-387					
1874.....	1-923	3-379	103	2-079	2-292	1-614	2-273	478	3-414	361	928	916	133	2-125	653	1-362	708	201	2-472	968																1-994	3-012	288	2-566	1-618					
1875.....	1-256	3-696	055	1-723	2-244	1-215	2-322	259	2-307	318	689	811	062	1-639	755	1-057	639	066	1-794	950																1-394	3-191	149	1-915	1-589					
1876.....	1-369	3-383	005	2-032	2-325	1-262	2-212	387	2-744	476	653	996	077	2-228	815	955	636	087	2-405	968	849	932	098	1-706	662	726	1-077	205	2-582	185	1-288	3-478	430	2-936	598	1-204	2-454	177	2-316	1-360					
1877.....	1-019	3-109	028	1-971	1-842	1-128	2-108	208	2-086	288	659	794	064	1-876	660	742	623	064	2-609	1-092	748	875	045	1-588	717	294	627	012	2-275	128	1-089	3-196	330	2-723	754	975	2-322	096	2-051	1-103					
Average.....	1-389	2-907	057	1-829	1-728	1-300	2-205	344	2-500	273	770	867	103	1-795	595	1-093	695	120	2-337	827	798	903	071	1-647	689	510	852	108	2-428	156	1-188	3-337	380	2-830	676	1-471	2-615	195	2-106	1-182					

xxx

APPENDIX. B.

TABLE shewing the Revenue per head derived annually since Confederation from the undermentioned Articles paying Excise or Customs Duties in the respective Provinces and in the Dominion.

Years.	ONTARIO.					QUEBEC.					NOVA SCOTIA.					NEW BRUNSWICK.					PRINCE EDWARD ISLAND.					MANITOBA.					BRITISH COLUMBIA.					DOMINION.																		
	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.	Spirits.	Beer.	Wine.	Tobacco.	Petroleum.														
1861.....	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢				
1868.....	1·109	·114	·163	·006	1·001	·111	·094	·218	·008	·894	·033	·045	·112	·048	·870	·030	·068	·157	·039																									1·028	·097	·043	·176	·014						
1869.....	·841	·110	·014	·169	·061	·666	·082	·074	·217	·007	·706	·057	·030	·200	·045	·786	·049	·027	·216	·068																									·761	·092	·037	·193	·041					
1870.....	·997	·101	·019	·269	·105	1·016	·078	·099	·326	·020	·652	·055	·034	·244	·043	·957	·038	·035	·287	·057																											·962	·085	·049	·259	·061			
1871.....	1·090	·122	·021	·265	·130	1·127	·082	·106	·431	·015	·706	·066	·050	·290	·045	1·079	·039	·048	·405	·071																											1·059	·095	·056	·336	·077			
1872.....	1·182	·135	·030	·368	·110	1·259	·101	·134	·510	·035	·765	·057	·054	·386	·046	1·128	·047	·050	·416	·058																												1·160	·108	·070	·422	·073		
1873.....	1·115	·155	·033	·286	·135	1·258	·107	·122	·471	·019	·780	·060	·042	·251	·075	1·233	·055	·057	·347	·084																														1·135	·120	·066	·350	·084
1874.....	1·507	·154	·042	·351	·154	1·349	·097	·162	·615	·032	·887	·059	·056	·337	·079	1·255	·053	·075	·404	·101																														1·363	·119	·086	·442	·103
1875.....	1·150	·140	·033	·379	·150	1 200	·110	·134	·529	·029	·788	·057	·044	·333	·083	1·158	·047	·044	·389	·104																														1·127	·114	·069	·423	·098
1876.....	1·258	·132	·031	·443	·153	1·269	·081	·153	·623	·039	·746	·049	·038	·455	·095	1·055	·046	·043	·406	·111	·976	·046	·052	·344	·115	·776	·037	·108	·684	·033	1·545	·254	·184	1·003	·138	1·182	·098	·075	·513	·105														
1877.....	·927	·142	·021	·425	·126	1·101	·092	·110	·463	·023	·750	·072	·044	·394	·066	·812	·029	·043	·540	·104	·851	·052	·033	·319	·100	·294	·026	·014	·557	·021	1·289	·230	·283	·887	·109	·919	·109	·057	·446	·084														
Average.....	1·117	·130	·024	·305	·113	1·124	·094	·119	·440	·023	·767	·056	·044	·299	·063	1·033	·044	·049	·357	·079	·913	·049	·042	·331	·107	·535	·037	·061	·620	·027	1·417	·242	·233	·943	·123	1·072	·104	·061	·356	·074														



APPENDIX C.

STATEMENT showing the Number of ILLICIT STILLS seized during the Fiscal Year ended 30th June, 1877, with Names of Owners and Schedule Value.

Date.	Division.	Name of Owner.	Schedule Value.	Remarks.
April 24, 1877	Collingwood	John Hickey	\$ 25 00	
July 12, 1876	Goderich	William McMurphy	22 00	
September 30, 1876	do	James Crawford and J. Graham	38 00	
February 1, 1877	do	Alexander Currie	14 00	Convicted and paid \$100 penalty.
do 7, 1877	do	Alfred Harris	33 00	
March 2, 1877	do	Martin Carral	68 50	Convicted and fined \$100, penalty, and \$25 costs. He was sent to gaol for non-payment, and escaped.
do 26, 1877	do	John McLellan	57 00	Convicted and paid \$100 penalty.
April 3, 1877	do	Samuel Garrett	69 00	Convicted; fine of \$100 not paid.
May 16, 1877	do	Angus Cameron	130 50	Convicted and paid \$100 penalty.
do 25, 1877	do	George Anderson	95 00	
do 25, 1877	do	John Cameron	77 00	
June 11, 1877	do	Lewis White	168 50	Convicted and served his time (six months) in gaol.
July 7, 1876	Guelph	James Howitt and William Crawford	37 50	Howitt convicted and paid \$100 penalty.
October 24, 1876	do	John Gunn	30 00	Information laid against him, but could not be found.
November 16, 1876	do	William and John Stoesser	87 00	Convicted and paid \$300 penalty.
February 4, 1877	do	M. Knittel, J. & W. Rumor, M. Alexander, John Scott, and John Stinson	115 00	Fines amounting to \$818.90 imposed on John Stinson, but not paid.
May 1, 1877	do	William Macdonell and others	304 00	J. Rose to be imprisoned until a fine of \$100 and costs, imposed on him, are paid; a fine of \$200 imposed upon May, and \$200 on McDonell.
do 18, 1877	do	Unknown on property of Canada Co	30 00	Parties not known.
June 1, 1877	do	D. Bell and William Doering	49 75	Fined \$500 each, and went to gaol for non-payment, when the whole was commuted to a penalty of \$200, which was paid.
February 22, 1877	Hamilton	S. L. Everett	5 00	Fine of \$300 imposed, to be imprisoned until paid.
December 4, 1876	Ottawa	Fred Fooks	66 00	
February 27, 1877	St. Catharines	Jacob Rider	80 00	Not convicted.
July 4, 1876	Toronto	Neil Keith	17 00	Convicted and paid \$100 penalty.
do 4, 1876	do	John Dickey	22 00	Convicted and paid \$70 penalty.
do 4, 1876	do	John Ramsay	60 60	
do 13, 1876	do	William Stubbs	55 00	Not prosecuted.

STATEMENT showing the Number of ILLICIT STILLS seized during the Fiscal Year ended 30th June 1877, &c.—Continued.

Date.	Division.	Name of Owner.	Schedule Value.	Remarks.
			\$ cts.	
August 21, 1876	Toronto	John Lemon	60 00	Convicted and fined \$100; imprisoned for non-payment, and served his time in gaol.
October 2, 1876	do	John Hillock	66 50	
December 12, 1876	do	George Anderson or Shaw & Beatty	133 00	Penalty of \$100, to be paid by 1st of February.
do 13, 1876	do	David Duncan	85 00	
January 11, 1877	do	James Laws	13 00	Convicted and paid \$100 penalty.
do 20, 1877	do	David Startup	5 00	
February 19, 1877	do	Thomas Wansbrough	14 00	Dismissed.
do 24, 1877	do	John Shaw	58 50	
March 6, 1877	do	John White	78 50	Not prosecuted.
do 14, 1877	do	William Giles	37 75	
do 27, 1877	do	John Taylor	10 00	Dismissed.
do 24, 1877	do	John Still	10 00	
do 31, 1877	do	F. Sambrook	94 20	Not prosecuted.
do 7, 1877	do	Abram Mackay	2 00	
June 11, 1876	Montreal	Roy Mercure & Cuvillion	25 00	No value, and no action taken.
October 4, 1876	do	Ferdinand Sauv�	6 00	
December 5, 1877	do	Sophie Bissonnette	10 20	No value, and no action taken.
March 13, 1877	do	Joseph Brousseau, jun.	48 50	
do 26, 1876	Quebec	John Armstrong	3 00	No value, and no action taken.
August 23, 1877	do	Eug�ne Parent	3 00	
January 19, 1877	Halifax	William Millet		

## INSPECTION OF STAPLE ARTICLES.

## APPENDIX D.

BOARDS OF EXAMINERS constituted during the Fiscal Year ending 30th June 877.

Place.	Article.	Examiners.	Remarks.
Toronto.....	Pickled Fish, &c.....	J. C. Fitch. John Morrison. W. W. Keighley. R. A. Ramsay. Neil Johnston.	
Lunenburgh.....	Fish and Fish Oil.....	Wm. Zwicker. Geo. W. Richardson. Samuel Risser. Chas. Morash. James J. McLachlan.	
Annapolis.....	do do.....	C. D. Pickles. Samuel Pickup. Wm. J. Ditmars. Robert Halliday. Timothy Brooks.	



## APPENDIX C

LIST OF PERSONS to whom Certificates have been granted under General Inspection Act of 1873 and 1874, during the Fiscal Year ending 30th June, 1877.

Certificate granted to	Inspector or Deputy Inspector.	Article.	Place.	By whom Certificate was granted.
F. Fortin.....	Inspector.....	Leather and Raw Hides .....	Quebec.....	Board of Examiners.
J. C. Gingras.....	do .....	Flour and Meal.....	Montreal.....	do
Michael Dohoney.....	do .....	Beef and Pork.....	do .....	do
Richard Young.....	do .....	Fish and Fish Oil.....	Toronto.....	do
James Oliver.....	do .....	Leather and Raw Hides .....	London .....	do
John Brown.....	do .....	Fish and Fish Oil.....	Halifax.....	do
E. Ryan.....	do .....	do .....	do .....	do
Isaac Croucher.....	Deputy Inspector..	do .....	do .....	do
Peter Doherty.....	do .....	do .....	do .....	do
Geo. Hanes.....	do .....	do .....	do .....	do
J. D. Moore.....	do .....	do .....	do .....	do
Wm. Monk.....	do .....	do .....	do .....	do
Wm. Roast.....	do .....	do .....	do .....	do
Wm. Fraser.....	do .....	do .....	do .....	do
F. Boutillier.....	do .....	do .....	do .....	do
J. Brooks.....	do .....	do .....	do .....	do
James Stratford ..	do .....	do .....	do .....	do
M. Julian.....	do .....	do .....	do .....	do
Henry McKenzie.....	do .....	do .....	do .....	do
John Brennan.....	do .....	do .....	do .....	do
Jeremiah Fillis.....	do .....	do .....	do .....	do
John Power.....	do .....	do .....	do .....	do
Thomas Maher.....	do .....	do .....	do .....	do
Mark Power.....	do .....	do .....	do .....	do
Thomas Noonan.....	do .....	do .....	do .....	do
Wm. McLalan.....	do .....	do .....	do .....	do
James Redmond.....	do .....	do .....	do .....	do
Chas. McLean.....	do .....	do .....	do .....	do
J. W. Smeltzer.....	do .....	do .....	do .....	do
Wm. Martin.....	do .....	do .....	do .....	do
Jas. N. Slaughenwhite.....	do .....	do .....	do .....	do
W. McLennan.....	do .....	do .....	do .....	do
Michael Meehan.....	do .....	do .....	do .....	do
Edward Walsh.....	do .....	do .....	do .....	do
Thomas Mulcahy.....	do .....	do .....	do .....	do
Jason Chapman.....	do .....	do .....	do .....	do
John Gaul.....	do .....	do .....	do .....	do
John Saybold.....	do .....	do .....	do .....	do
Michael Davison.....	do .....	do .....	do .....	do
Martin Murphy.....	do .....	do .....	do .....	do
John Myers.....	do .....	do .....	do .....	do
Enos Smith.....	do .....	do .....	do .....	do
John Hearn.....	do .....	do .....	do .....	do
Angus Cameron.....	do .....	do .....	do .....	do
Archibald Danach.....	do .....	do .....	do .....	do
James Fader.....	do .....	do .....	do .....	do
Robert Connors.....	do .....	do .....	do .....	do
Geo. Fleming.....	do .....	do .....	do .....	do
John Fleming.....	do .....	do .....	do .....	do
Joseph Murphy.....	do .....	do .....	do .....	do
Michael Power.....	do .....	do .....	do .....	do
Ed. L. Saul.....	do .....	do .....	do .....	do

List of Persons to whom Certificates have been granted under General Inspection Act, &c.—Continued.

Certificate granted to	Inspector or Deputy Inspector.	Article.	Place.	By whom Certificate was granted.
John Brooks.....	Deputy Inspector..	Fish and Fish Oil	Halifax.....	Board of Examiners.
Wm. Walker.....	do	Leather and Raw Hides .....	Essex, Kent and Lambton. ....	do
John Meyers.....	Inspector.....	do	Perth and Huron	do
James Wilson.....	Deputy Inspector..	do	do	do
A. F. Culver.....	Inspector..	do	Lincoln and Wel-land.....	do
Jeremiah Long.....	Deputy Inspector..	do	Ontario and Durham .....	do
F. Cook.....	do	Fish and Fish Oil	Guysborough ....	do
James McKay .....	do	do	do	do
R. Phalen.....	do	do	do	do
David Anders .....	do	do	do	do
Evan Hurst.....	do	do	do	do
W. Purcell.....	do	do	do	do
R. Keating.....	do	do	do	do
P. Dunfey.....	do	do	do	do
J. Cullen.....	do	do	do	do
J. Feltmate.....	do	do	do	do
John McKinlay.....	do	do	do	do
Thos. Mills.....	do	do	(St. Mary's Div.)	do
John H. Kaizer.....	do	do	do	do
Wm. H. Rudolph.....	do	do	do	do
H. Redmon.....	Inspector.....	do	do	do
Leandor McKenzie	Deputy Inspector..	do	Shelburne.....	do
John Benoit.....	do	do	Richmond.....	do
Edward Forest.....	do	do	do	do
W. J. Murphy.....	do	do	do	do
Isaiah Tenio.....	do	do	do	do
George Burke.....	do	do	do	do
Benjamin Upton.....	do	do	do	do
John Campbell.....	do	do	do	do
James Kenney.....	do	do	Antigonish.....	do
Ezekiel Boutillier..	do	do	Lunenburg.....	do
Edward Hirtle.....	do	do	do	do
David Moland.....	do	do	do	do
Casper Schwartz.....	do	do	do	do
Edward Strum.....	do	do	do	do
Lewis Tanner.....	do	do	do	do
David Publicover.....	do	do	do	do
Thomas C. Peach.....	do	do	Cape Breton.....	do
Francis Dowd.....	do	do	do	do
Israel Lettery.....	do	do	Annapolis.....	do

## APPENDIX F.

LIST of Inspectors and Deputy Inspectors of Staple Articles who have obtained Certificates and executed Bonds, and who were therefore empowered to act since the 31st October, 1877.

Place.	Article.	Inspector.	Deputy Inspector.
Kingston .....	Leather and Raw Hides.....	Peter McKim.	
Hamilton.....	do do .....	James Brown.	
Halifax.....	Fish and Fish Oil.....	E. Ryan.....	James Richardson.
do .....	do .....	.....	L. Connors.
do .....	do .....	.....	T. D. Dauphinie.
do .....	do .....	.....	Daniel Marlin.
do .....	do .....	.....	Hugh Munro.
do .....	do .....	.....	Martin Murphy.
do .....	do .....	.....	Wm. McCarthy.
do .....	do .....	.....	John Slaurinwhaite.
do .....	do .....	.....	F. Boutillier.
do .....	do .....	.....	Henry McKenzie.
do .....	do .....	.....	Jeremiah Fillis.
do .....	do .....	.....	John Power.
do .....	do .....	.....	Thomas Maher.
do .....	do .....	.....	Mark Power.
do .....	do .....	.....	Thomas Noonan.
do .....	do .....	.....	Wm. McLalan.
do .....	do .....	.....	James Redmond.
do .....	do .....	.....	Charles McLean.
do .....	do .....	.....	J. W. Smeltzer.
Guysborough .....	do .....	.....	F. Cook.
do .....	do .....	.....	James McKay.
do .....	do .....	.....	R. Phalen.
do .....	do .....	.....	David Anders.
do .....	do .....	.....	Evan Hurst.
do .....	do .....	.....	W. Purcell.
do .....	do .....	.....	R. Keating.
do .....	do .....	.....	P. Dunfey.
do .....	do .....	.....	J. Cullen.
do .....	do .....	.....	J. Feltmate.
Richmond.....	do .....	.....	John Binet.
do .....	do .....	.....	Edward Forest.
do .....	do .....	.....	M. J. Murphy.
Lunenburg .....	do .....	.....	Jos. Coolen, sen.
do .....	do .....	.....	Casper Schwartz.
do .....	do .....	.....	Peter Boutillier.
do .....	do .....	.....	Edward Strum.
Cape Breton.....	do .....	.....	Thomas C. Peach.
do .....	do .....	.....	Francis Dowd.

STATEMENT showing Quantities of certain Staple Articles of Canadian Produce Inspected under provisions of 37 Vic, c. 45, during the Fiscal Year ended 30th June, 1877, and the Fees accrued thereon, as returned to the Department of Inland Revenue by the respective Inspectors.

FLOUR.

Place.	Flour.										Rye Flour		Fees
	Superior Extra.	Extra Superfine.	Fancy Superfine.	Spring Extra.	Superfine.	Fine.	Fine Middlings.	Pollards.	Strong Bakers.	Sour.	Reject'd	Superfine.	Brls.
Quebec.....	1,396	1,014	328	36,281	3,047	3,487	1,687	6	799	.....	3,874	40	1,349 80
Montreal.....	50,053	55,232	15,139	91,888	14,099	13,321	8,664	5,226	3,101	1,297	17,984	.....	7,863 94
Toronto.....	1,488	4,522	24,612	8,194	1,806	2,515	687	33	1,300	53	.....	.....	515 16

APPENDIX

STATEMENT showing the Quantities of certain Staple  
WHEAT AND

Place.	Wheat.								Corn.		
	Winter.				Spring.				No. 1.	No. 2.	
	No. 1 W.	No. 2 W.	No. 1 R.	No. 2 R.	Re-jected	No. 1.	No. 2.	No. 3.			Re-ject'd
centals.	centals.	centals.	c'ntls.	c'ntls.	centals.	centals.	centals.	centals.	c'ntls.	centals.	
Montreal..	36,493	.....	.....	.....	1,800	95,770	7,200	20,400	22,440	.....	95,760
Toronto..	3,996	190,688	24,420	1,944	540	429,589	189,358	28,932	1,992	8,400	.....

BEEF AND

Place.	Beef.					
	Mess.		Prime Mess.	Rejected.		
	B.	T.	B.	B.	T.	
Quebec .....	.....	1,222	.....	246	36	.....
Montreal .....	.....	.....	3	.....	.....	8

BUT

Place.	First.				Second.			
	25 lbs.	50 lbs.	75 lbs.	100 lbs.	25 lbs.	50 lbs.	75 lbs.	100 lbs.
Ottawa .....	778	721	390	239	907	865	477	336

ASHES.

Place.	Pot.	
	First Sort.	Second Sort.
Montreal .....	13,106	575

G.—Continued.

Articles of Canadian Produce Inspected, &c.—Continued.

OTHER GRAIN.

Oats.			Rye.		Peas.		Barley.				Fees Accrued.
No. 1.	No. 2.	Re- jected	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.	No. 3.	Re- jected	
c'ntls.	centals.	c'ntls.	centals.	centals.	centals.	centals.	centals.	centals.	centals.	c'ntls.	\$ cts.
.....	76,800	.....	.....	.....	.....	.....	.....	.....	.....	.....	533 61
214	240	960	5,508	1,620	19,217	12,240	459,874	304,884	34,116	972	2,867 21

PORK.

Pork.								Fees Accrued.
Mess.	Prime Mess.	Ex-Prime.	Prime.	T. Mess.	Rejected.			
B.	B.	B.	B.	B.	½ B.	B.		
6,911	684	558	150	.....	.....	883	\$ cts. 2,672 50	
1,477	19	170	58	358	1	201	1,036 55	

TER.

Third.				Fourth.				Grease.				Fees Accrued.
25 lbs.	50 lbs.	75 lbs.	100 lbs.	25 lbs.	50 lbs.	75 lbs.	100 lbs.	25 lbs.	50 lbs.	75 lbs.	100 lbs.	
611	360	238	180	294	223	161	137	78	54	48	26	\$ cts. 711 30

Pearl.				Fees Accrued.
Third Sort.	First Sort.	Second Sort.	Third Sort.	
94	1,249	28	.....	\$ cts. 12,206 11

## APPENDIX

STATEMENT showing Quantities of certain Staple  
LEATHER AND

Place	Leather.		
	1	2	3
Montreal.....	156,752	94,612	10,273
Toronto.....	148	240	47
Hamilton.....			
Ottawa.....			
St. John, N.B.....	5,275		
Kingston.....			
Lincoln and Welland.....			

## FISH

Place.	Salmon.				Sea Trout.			Lake Trout.		Mackerel.		Herring.		
	Tierce	½ Tierce.	Brls.	½ Brls.	Brls.	½ Brls.	¾ Brls.	Brls.	½ Brls.	Brls.	½ Brls.	Boxes.	Boxes.	Boxes.
Quebec.....	97	11	1,439	16	56	9		10	2	6,760	775			
Montreal.....	123		1,115	55	13	3	1,315	13	15	1,367	1,069			
Halifax.....			2,662	12	290	7		14,353	186	29,766	214	21,422		
St. John.....								36		2,815	1,939			
Carleton Div., St. John.....										1,449	1,321			
Lunenburg.....								6,381	29	8,488	36			
Richmond.....			6					4,890	8	5,568	1			
Inverness.....								970	35	823	132			
Cape Breton.....			19					534	12	692				
Antigonish.....								322	4	3				
Victoria.....								151	6	48				
Yarmouth.....								2,232	2	9,330	184			
Guysboro'.....			69	7	1	3		4,510	113	13,259	514			

## FISH

Place.	Whale Oil.				Seal Oil.				Porpoise Oil.				
	Punchn.	Hds.	Tierces.	Brls.	Punchn.	Hds.	Tierces.	Brls.	Punchn.	Hds.	Tierces.	Brls.	
Quebec.....							744	139				87	11
Montreal.....	5	2	78	9	39	2	2,722	482	6	20	1,084		6
Halifax.....			25				125						4
St. John.....													
Lunenburg.....													
Richmond.....						14	8				32		
Yarmouth.....				4									

G.—Continued.

Articles of Canadian Produce Inspected, &c.—Continued.

RAW HIDES.

Hides.			Calf Skins.			Fees Accrued.
1	2	3	1	1	3	
						\$ cts.
13,107	9,802	3,707				7,076 93
32,897	17,675	1,029				2,559 25
5,935	991	108	3,347	672	14	508 75
7,408	1,845	579				496 90
3,548	151	24				295 28
5,818	728	508				362 75
2,911	177	2				151 72

Gaspereaux and Alewives.		Shad.		White Fish.	Cod Fish.			Other Fish.		Newfoundland Herring.		Fees Accrued.
Brls.	½ Brls.	Brls.	½ Brls.	Brls.	Drafts.	Brls.	½ Brls.	Brls.	rs ls	Brls.	½ Brls.	
												\$ cts.
		10			2,019	7,383	35	1,409	277	5,245	234	1,235 01
888	25	2	26	976	8	408	119		3	19,726	1,846	941 02
2,075			25			271		36	20			3,502 61
												204 56
3,819		40	193									308 46
50	1											1,060 03
						68		13	1			308 47
					4							159 39
												90 85
1,620												32 55
158	36					87		16	1			17 30
												776 37
												1,161 72

OIL.

Cod Oil.			Herring Oil.				Hake Oil.	Pollock Oil.	Dog Fish Oil.	Other Fish Oil.			Fees Accrued.	
Punchn.	Hbds.	Tierces.	Brls.	Punchn.	Hbds.	Tierces.	Brls.	B.	Brls.	Brls.	Punchn.	Tierces.		Brls.
														\$ cts.
12		780	406									9	3	401 85
		7	425	21							7	1,896	280	1,357 35
		2259	466			1								552 10
			106				2	19	7					19 20
24		315	48			1				6		3		48 75
			381									4		21 40
														58 95



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FINANCIAL RETURNS 1876-77.

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CR.

No. 1.—GENERAL REVENUE ACCOUNT, 1876-77.

DR.

Memo. of Refunds deducted below.	Amounts deposited to the credit of the Receiver General.	Authorized Abatements.	Balances due 30th June, 1877.	Total.	Service.	Revenues of previous years not collected, 1st July, 1876.	Revenue accrued 1876-77.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
8,711 73	4,952,206 44	.....	2,053 12	4,984,259 56	Exercise and Seizures, per Statement No. 3.	33,635 76	4,950,623 80	4,984,259 56
1,758 76	380,225 23	.....	4,336 48	384,461 71	Canals, per Statement No. 5.	10,508 05	373,953 66	384,461 71
.....	112,260 77	.....	221,240 01	333,600 78	Slides and Booms, per Statement No. 7.	217,639 01	115,861 77	333,500 78
90 00	19,895 95	5,183 50	219,303 34	244,382 79	Hydraulic and other Revenues, per State- ments Nos. 5 and 8.	191,365 57	50,017 22	244,382 79
.....	5,677 90	50 00	6,159 78	11,887 68	Minor Public Works, per Statements Nos. 5 and 9.	4,343 09	7,544 59	11,887 68
.....	74,216 34	.....	26,813 41	101,029 75	Outlets, per Statement No. 10.	33,901 82	67,127 93	101,029 75
.....	63,733 83	.....	1,575 00	55,308 83	Weights and Measures, Gas and Law Stamps, per Statements Nos. 18, 19 and 20.	252 15	55,056 68	55,308 83
27 00	209,065 92	.....	56 33	209,122 25	Bill Stamps, per Statements Nos. 11 and 12.	154 19	208,968 06	209,122 25
10,587 49	5,877,182 38	5,233 50	511,537 47	6,323,953 35	<i>Less.</i>	494,799 64	5,829,153 71	6,323,953 35
.....	10,587 49	.....	.....	10,587 49	Refunds, as per Statement No. 16.	.....	10,587 49	10,587 49
.....	5,796,594 89	.....	.....	6,313,365 86	.....Total.....	.....	5,518,566 22	6,313,365 86

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Dr.

No. 2 — GENERAL EXPENDITURE ACCOUNT, 1876-77.

Cr.

Amounts due to Col- lectors, &c., 1st July, 1876.	EXPENDITURE AUTHORIZED BY THE DEPARTMENT.				Amounts due by Col- lectors, &c., 30th June, 1877.	Total.	SERVICE.	Amounts due by Col- lectors, &c., 1st July, 1876.	Amounts disbursed by the Rec.-Gen. on requisition of the Department.	Amounts deducted from Salaries for Supernation.	Amounts due to Col- lectors, 30th June, 1877.	Total.
	Salaries.	Conti- nences, &c.	Seizures.	Culliers' Fees.								
49 08	173,700 95	38,315 07	1,099 63	.....	594 39	213,759 11	Excise and Seizures, per Statement No. 4.	964 42	209,732 72	2,952 89	49 08	213,759 11
.....	25,809 32	4,594 03	.....	.....	30 16	30,433 51	Canals, per Statement No. 6	25 00	29,964 50	444 01	.....	30,433 51
.....	16,025 00	2,497 09	.....	.....	.....	18,522 09	Slides and Booms, per Statement No. 7	20 95	18,232 67	268 47	.....	18,522 09
.....	15,200 00	6,084 42	.....	46,887 34	.....	68,171 76	Culliers, per Statement No. 10	.....	67,911 92	259 84	.....	68,171 76
.....	.....	.....	3,938 59	.....	.....	3,938 59	Seizures Distributed	.....	3,938 59	.....	.....	3,938 59
.....	800 00	7,354 71	.....	.....	.....	8,154 71	Sundry Minor Expen- ditures, per State- ment No. 11	.....	8,138 67	16 04	.....	8,154 71
.....	30,777 50	6,657 26	.....	.....	16 66	37,451 42	Departmental Expen- diture, per State- ment No. 17	.....	37,008 65	442 77	.....	37,451 42
933 33	56,941 73	44,809 48	1 50	.....	419 77	103,105 81	Weights and Measures, per Statement No. 21	.....	99,545 98	863 16	.....	103,105 81
.....	8,714 02	2,318 44	.....	.....	.....	11,032 46	Gas Inspection, per Statement No. 22	355 93	10,689 59	66 94	.....	11,032 46
982 41	327,968 52	112,630 50	5,039 72	46,887 34	1,060 97	494,569 46	Total	4,062 97	485,143 29	5,314 12	49 08	494,569 46

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

EXCISE,  
No. 3.—Collection Divisions  
(For Details, see

DR.

Balances due 1st July, 1876.	Amounts accrued during the year, including License Fees.							
	Spirits.	Malt Liquor.	Malt.	Tobacco.	Petroleum: Duty and Inspection Fees.	Bonded Manufactures.	Seizures.	Other Receipts
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
4,867 24								
45 24	7,401 81			1,682 90				
18 00	39,261 93	200 00	4,468 32	8,146 50				24 75
1,148 85	11,340 97	200 00	8,225 59	466 50				54 00
	7,140 60	100 00	399 36					
	2,802 23							
560 92	27,983 58	650 00	7,604 16	5,491 60			402 90	55 90
3,362 20	113,144 53	800 00	34,679 34	28,453 60			294 55	74 00
634 87	44,682 54	300 00	16,500 31	170,518 30	819 69	18,124 58		1,855 00
209 20	66,264 41	300 00	4,994 83	62,230 80		737 99		298 37
5,497 40	49,097 95	450 00	36,276 61	75,276 10	174,449 63		39 13	17 50
	101,032 00	250 00	4,523 30	41,105 50			24 40	
894 02	41,433 03	300 00	4,939 38	43,097 26	2,115 22		75 80	57 80
53 46	13,660 05	100 00	1,134 07	4,158 30				3 30
	19,686 37	150 00	3,489 61	2,591 50				
5,958 62	82,557 61	150 00	14,400 27	6,331 00				
	9,902 94	50 00	1,835 65	1,493 80	23,136 32	122 85		
385 15	32,113 08	200 00	10,045 60	6,675 20				17 10
1,411 00	314,117 67	750 00	81,308 10	251,740 14	355 04	6,128 56	370 00	1,537 00
4,345 17	567,007 95	375 00	10,905 42	21,446 02		464 46	96 15	210 00
29,391 32	1,550,631 05	5,325 00	245,729 92	730,905 02	200,875 90	25,578 44	1,302 93	4,204 72
		50 00	36 00					
421 97	687,014 63	575 00	90,182 61	397,503 80	16,343 27	1,868 54	35 91	125 10
	207,014 68	100 00	8,628 12	125,663 60			114 59	6 00
	8,875 86	50 00	4,701 00	291 60				
	19,848 26	100 00	676 54					
	8,532 65	100 00						
		50 00		71 20				
249 57	17,176 02			466 60			111 00	8 00
671 54	948,462 10	1,025 00	104,224 27	523,996 80	16,343 27	1,868 54	261 50	139 10
	112 38			9,363 80				
1,974 81	52,016 04	250 00	22,004 70	132,068 50	8,134 92	537 20		650 00
	351 72			11,939 20	268 02		32 37	
	173 80			4,839 40				5 00
1,974 81	52,653 94	250 00	22,004 70	158,210 90	8,402 94	537 20	32 37	655 00
	1,761 53			7,780 50	257 46			
165 09	71,622 57	150 00	4,320 50	153,560 00	9,191 10	2,069 39		550 00
165 09	73,384 10	150 00	4,320 50	161,340 50	9,448 56	2,069 39		550 00
1,419 00	14,002 86	125 00	4,309 89	32,462 60	258 69			4 50
	8,918 15	175 00	1,674 59	13,403 72				
14 00	2,799 63	425 00	6,993 29	10,070 30				116 92
1,433 00	25,720 64	725 00	12,977 77	55,936 62	258 69			121 42
33,635 76	2,650,851 83	7,475 00	389,257 16	1,630,369 84	235,329 36	30,053 57	1,596 80	5,670 24
	425 15		7,839 93	444 00	2 65			
	2,650,426 68	7,475 00	381,417 23	1,629,945 84	235,326 71	30,053 57	1,596 80	5,670 24

INLAND REVENUE DEPARTMENT, OTTAWA, 31st July, 1877.

1876-77.

in Account with the Revenue.

Appendix A.)

CR.

Total Duties Accrued.		Total Debits.	Divisions.	Deposited to the Credit of the Receiver-General.	Balances due 30th June, 1877.	Total Credits.	
\$	cts.	\$	cts.	\$	cts.	\$	cts.
		4,867 24			4,867 24	4,867 24	
9,084 71		9,129 93		9,129 93		9,129 93	
52,101 50		52,119 50	Sundry Balances	52,083 10	36 40	52,119 50	
20,287 06		21,435 91	Algoma	20,285 76	1,150 15	21,435 91	
7,639 96		7,639 96	Belleville	7,639 96		7,639 96	
2,802 23		2,802 23	Cobourg	2,802 23		2,802 23	
42,188 14		42,749 06	Collingwood	42,055 19	693 87	42,749 06	
177,446 02		180,808 22	Cornwall	179,344 32	1,463 90	180,808 22	
252,800 22		253,435 09	Goderich	252,205 36	1,229 73	253,435 09	
134,826 40		135,035 60	Guelph	134,857 53	178 07	135,035 60	
335,606 92		341,104 32	Hamilton	340,508 62	595 70	341,104 32	
146,935 20		146,935 20	Kingston	146,935 20		146,935 20	
92,018 49		92,912 51	London	92,569 81	342 70	92,912 51	
19,055 72		19,109 18	Ottawa	19,036 50	72 68	19,109 18	
25,917 48		25,917 48	Paris	25,917 48		25,917 48	
103,438 88		109,397 50	Peterborough	104,767 34	4,630 16	109,397 50	
36,541 66		36,541 66	Prescott	36,541 66		36,541 66	
49,050 98		49,436 13	Sarnia	49,277 19	158 94	49,436 13	
656,306 51		657,717 51	St. Catharines	655,714 10	2,003 41	657,717 51	
600,505 00		604,850 17	Toronto	599,132 69	5,717 48	604,850 17	
			Windsor				
2,764,552 98		2,793,944 30	Ontario	2,770,803 87	23,140 43	2,793,944 30	
86 00		86 00	Beauharnois	86 00		86 00	
1,193,648 86		1,194,070 83	Montreal	1,188,937 20	5,133 63	1,194,070 83	
341,526 99		341,526 99	Quebec	341,473 86	53 13	341,526 99	
13,918 46		13,918 46	Sherbrooke	13,918 46		13,918 46	
20,624 80		20,624 80	St. Hyacinthe	20,624 80		20,624 80	
8,632 65		8,632 65	St. John's	8,632 65		8,632 65	
121 20		121 20	Terrebonne	121 20		121 20	
17,761 62		18,011 19	Three Rivers	17,706 90	304 29	18,011 19	
1,596,320 58		1,596,992 12	Quebec	1,591,591 07	5,491 05	1,596,992 12	
9,476 18		9,476 18	Cape Breton	9,476 18		9,476 18	
215,661 36		217,636 17	Halifax	215,360 69	2,275 48	217,636 17	
12,591 31		12,591 31	Pictou	12,591 31		12,591 31	
5,018 20		5,018 20	Yarmouth	5,018 20		5,018 20	
242,747 05		244,721 86	Nova Scotia	242,446 38	2,275 48	244,721 86	
9,799 49		9,799 49	Miramichi	9,799 49		9,799 49	
241,463 56		241,628 65	St. John	241,618 65	10 00	241,628 65	
251,263 05		251,428 14	New Brunswick	251,418 14	10 00	251,428 14	
51,163 54		52,582 54	P. E. Island	51,719 18	863 36	52,582 54	
24,171 46		24,171 46	Manitoba	24,018 00	153 46	24,171 46	
20,405 14		20,419 14	British Columbia	20,299 80	119 34	20,419 14	
95,740 14		97,173 14	Total	96,036 98	1,136 16	97,173 14	
4,950,623 80		4,984,259 56	Less Refunds.	4,952,206 44	32,053 12	4,984,259 56	
8,711 73			Nett Revenue.				
4,911,912 07							

A. BRUNEL, Commissioner.

EXCISE,  
No. 4.—Collection Divisions

DR.

(For Details, see

Balance due by Collectors, 1st July 1876.		Amounts received from Department to meet Expenditure.		Deductions from Salaries for Superannuation.		Balances due to Collectors 30th June, 1877.		Total.	DIVISION.	Balances due to Collectors 1st July, 1876.	
\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$		\$	cts.
		484	89	4	96			489	85	Algoma	
43	98	4,437	41	51	60			4,532	99	Belleville	
		2,412	14	44	62			2,456	78	Cobourg	
		845	06	16	04			861	10	Collingwood	
		835	83	2	83			838	66	Cornwall	
		4,714	31	51	76			4,766	07	Goderich	
		13,587	49	205	21			13,792	70	Guelph	
		8,478	16	144	00			8,622	16	Hamilton	
		3,278	24	36	00			3,314	24	Kingston	
		9,940	10	160	48			10,100	58	London	
		3,513	25	67	96			3,581	21	Ottawa	
		6,286	01	103	98			6,389	97	Paris	
		843	29	13	96			857	25	Perth	
		1,290	60	25	96			1,316	56	Peterboro'	
		4,970	25	68	00			5,038	25	Prescott	
		3,171	38	39	64			3,211	02	Sarnia	
		4,767	55	81	00			4,848	55	St. Catharines	
		19,813	87	324	46			20,138	33	Toronto	
		16,540	02	256	54	49	08	16,845	64	Windsor	49 08
307	43	10,168	56	167	88			10,643	87	District Inspectors	
351	41	120,378	41	1,868	86	49	08	122,645	76	Ontario	49 08
18	91	458	13	4	96			462	00	Beauharnois	
250	00	19,958	87	291	16			20,500	03	Montreal	
		8,090	65	141	45			8,232	10	Quebec	
		801	84	12	00			813	84	St. Hyacinthe	
		845	00	9	92			854	92	St. John's	
		459	54	4	96			464	50	Sherbrooke	
		463	94	4	96			468	90	Terrebonne	
		819	95					819	95	Three Rivers	
		294	00	6	00			300	00	Magdalen Islands	
26	10	4,240	42	79	96			4,346	48	District Inspectors	
295	01	36,432	34	555	37			37,282	72	Quebec	
		572	53	6	32			578	85	Cape Breton	
		4,899	08	65	38			4,964	46	Halifax	
		1,007	20	18	12			1,025	32	Pictou	
		529	48	6	32			535	80	Yarmouth	
200	00	2,191	32	36	00			2,427	32	District Inspectors	
200	00	9,199	61	132	14			9,531	75	Nova Scotia	
		1,033	04	19	96			1,053	00	Miramichi	
		5,553	42	90	00			5,643	42	St. John	
		2,194	99	36	00			2,230	99	District Inspector	
		8,781	45	145	96			8,927	41	New Brunswick	
		3,579	31	44	28			3,623	59	P. E. Island	
		3,902	70	60	12			3,962	82	Manitoba	
51	00	5,583	05	100	16			5,734	21	British Columbia	
67	00	6,868	12	48	00			6,983	12	General Contingencies	
		1,358	62					1,358	62	Law Costs	
		6,123	54					6,123	54	Queen's Printer	
		875	71					675	71	Stationery Office	
		4,995	17					4,995	17	Preventive Service	
		1,914	69					1,914	69	Com. to Cus. Officers	
964	42	209,792	72	2,952	89	49	08	213,759	11	Grand Total	49 08

INLAND REVENUE DEPARTMENT, OTTAWA, 31st July, 1877.

1876-77.

in account with Expenditure.

Appendix B.)

CR.

EXPENDITURE AUTHORIZED BY THE DEPARTMENT.						Balances due by Collectors 30th June, 1877.	Total.
Salaries.	Seizure Expenses.	Special Assistance.	Rent.	Travelling Expenses	Sundries.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
400 00			82 50		27 35		489 85
2,583 34		1,200 00	150 00	366 25	189 42	43 98	4,532 99
2,223 33	26 00		88 00	27 92	81 51		2,456 76
800 00	4 00		44 00		13 10		861 10
227 11		591 00			20 55		838 66
2,650 00	272 34	683 00	140 00	827 50	193 23		4,766 07
10,266 63	313 66	1,723 87	100 00	940 87	447 67		13,792 70
7,200 00		1,160 00		20 50	241 66		8,642 16
1,800 00		1,200 00	150 00	21 40	142 84		3,314 24
8,033 34	3 75	1,118 52	115 00	358 95	471 02		10,100 58
3,400 00	25 50			9 05	146 66		3,581 21
5,200 00	9 50		207 96	588 45	384 06		6,389 97
700 00			20 00	52 10	85 15		857 25
1,300 00					16 56		1,316 56
3,400 00		1,387 00	100 00	6 92	144 33		5,038 25
1,983 30		750 00	117 00	132 25	228 47		3,211 02
4,050 00	28 48	365 00	24 00	193 60	187 47		4,848 55
16,233 34	30 73	2,217 55		678 45	978 26		20,138 33
12,841 66	15 00	2,540 92	489 99	289 21	619 78		16,845 64
8,400 00	28 00			1,656 88	362 99	196 00	10,643 87
93,702 05	756 96	14,936 86	1,808 45	6,170 30	4,982 08	239 98	122,645 76
400 00			25 00	45 00	12 00		482 00
14,716 64	50 85	4,656 57	69 00	245 55	761 42		20,500 03
7,073 46	184 10		359 25	289 08	326 21		8,232 10
600 00			46 66	69 30	97 88		813 84
800 00			40 00		14 92		854 92
400 00			50 00		14 50		464 50
400 00			24 00	3 00	22 90	19 00	468 90
	14 07	541 64	80 00	53 35	150 89		819 95
300 00							300 00
4,000 00				232 47	114 01		4,346 48
28,680 10	249 02	5,198 21	673 91	937 75	1,514 73	19 00	37,282 72
500 00			31 50	22 25	25 10		578 85
3,395 00	44 00	1,276 90		2 60	245 96		4,964 46
966 64			40 00	11 35	7 33		1,025 32
500 00			30 00		5 80		535 80
1,800 00				339 94	19 98	267 40	2,427 32
7,161 64	44 00	1,276 90	101 50	376 14	304 17	267 40	9,531 75
1,000 00			30 00		23 00		1,053 00
4,500 00		903 31			240 11		5,643 42
1,800 00				421 99	9 00		2,230 99
7,300 00		903 31	30 00	421 99	272 11		8,927 41
2,400 00		971 88	50 00	45 90	155 81		3,623 59
3,000 00		240 00	20 00	397 00	237 82	68 00	3,962 82
5,000 00		520 00		42 00	172 21		5,734 21
2,400 00	49 65			956 19	3,577 28		6,983 12
					1,358 62		1,358 62
					6,123 54		6,123 54
					675 71		675 71
					4,995 17		4,995 17
					1,914 69		1,914 69
149,653 79	1,099 63	24,047 16	2,683 86	9,347 27	26,283 94	594 38	213,759 11

A. BRUNEL, Commissioner.

## CANALS, &amp;c.,

## No. 5.--Collectors of Canal Tolls,

DR.

Balances due 1st July, 1876.	Canal Revenue.				Total Canal Revenue Accrued.	Hydraulic Rents and other Revenues from P. Works, vide Statements 8 and 9.	Total.
	Tolls.	Wharfage and Storage.	Fines and Damages.	Other Receipts.			
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
6,571 86	149,339 46	.....	40 00	.....	.....	128 74	156,080 06
1,429 03	62,303 09	.....	.....	.....	.....	.....	63,732 12
151 42	449 84	.....	.....	.....	.....	.....	1,241 34
77 66	1,350 57	.....	.....	.....	.....	640 08	1,428 23
330 10	2,473 88	.....	.....	.....	.....	48 00	2,851 99
.....	2,074 37	.....	636 30	.....	.....	2,339 40	5,050 07
41 70	111 62	.....	.....	.....	.....	.....	153 32
8,601 77	218,102 83	.....	676 30	.....	.....	3,156 22	230,537 12
149 52	2,239 09	22 55	240 00	.....	.....	1,017 00	3,668 16
243 47	22,253 07	.....	5 00	.....	.....	1,075 00	23,576 54
134 13	626 58	.....	.....	.....	.....	351 00	1,111 71
245 84	3,727 36	116 10	10 00	245 77	.....	.....	4,345 07
83 40	28,551 26	8,589 63	3,085 00	571 85	.....	11,004 00	51,885 14
632 44	11,086 58	.....	.....	.....	.....	.....	11,719 02
1,488 80	68,483 94	8,728 28	3,340 00	817 63	.....	13,447 00	96,305 64
197 85	4,659 41	4 40	64 00	.....	.....	.....	4,925 66
.....	15,363 57	.....	.....	.....	.....	.....	15,363 57
65 43	635 86	.....	.....	.....	.....	.....	701 29
263 28	20,658 84	4 40	64 00	.....	.....	.....	20,990 52
0 14	21,335 09	.....	.....	.....	.....	.....	21,335 23
570 02	17,935 60	5 22	.....	.....	.....	.....	18,510 84
72 23	1,086 59	.....	22 00	.....	.....	.....	1,180 82
155 08	2,977 43	.....	.....	.....	.....	.....	3,132 51
797 47	43,334 71	5 22	22 00	.....	.....	.....	44,159 40
0 50	1,902 00	145 85	.....	142 00	.....	1,377 25	3,567 60
145 44	2,409 65	.....	.....	.....	.....	272 00	2,827 09
0 10	634 59	.....	.....	25 00	.....	.....	659 69
146 04	4,946 24	145 85	.....	167 01	.....	1,649 25	7,054 38
44 39	3,792 65	.....	.....	.....	.....	410 00	4,247 04
34 10	.....	.....	.....	.....	.....	.....	34 10
45 69	863 65	.....	.....	0 13	.....	.....	709 47
212 00	.....	.....	.....	.....	.....	.....	212 00
100 00	.....	.....	.....	.....	.....	.....	100 00
312 00	.....	.....	.....	.....	.....	.....	312 00
11,733 54	359,982 86	8,883 75	4,102 30	984 75	373,953 66 1,758 76	18,662 47	404,349 67
					372,194 90		

INLAND REVENUE DEPARTMENT, OTTAWA, 31st July, 1876.



1876-77.

&c., in account with Revenue.

CR.

Collection Divisions.	Deposited to the Credit of the Receiver-General.		Balances due 30th June, 1877.	Total.
	On account of Canal Revenue.	On account of Hyd. Rents, and other Rev. from P. Works		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Welland Canal.</i>				
Port Colborne.....	155,920 14	159 92		156,080 06
Port Dalhousie.....	62,360 01	493 30	878 81	63,732 12
Dunnville.....	547 92	693 42		1,241 34
Port Maitland.....	1,428 23			1,428 23
Port Robinson.....	2,416 98	48 00	387 00	2,851 98
St. Catharines.....	2,376 28	2,339 40	334 39	5,050 07
Chippawa.....	130 27		23 05	153 32
Total.....	225,179 83	3,734 04	1,623 25	230,537 12
<i>St. Lawrence Canals.</i>				
Beauharnois.....	2,514 20	1,017 00	136 96	3,668 16
Corwall.....	22,321 97	1,075 00	179 57	23,576 54
Edwardsburg.....	650 83	421 00	39 88	1,111 71
Lachine.....	4,064 86		280 21	4,345 07
Montreal.....	40,797 74	11,004 00	83 40	51,885 14
Kingston.....	11,005 64		713 38	11,719 02
Total.....	81,355 24	13,517 00	1,433 40	96,305 64
<i>Chambly Canal.</i>				
Chambly.....	4,925 66			4,925 66
St. John's.....	15,363 57			15,363 57
St. Ours.....	587 27		114 02	701 29
Total.....	20,876 50		114 02	20,990 52
<i>Ottawa Canals.</i>				
Ottawa.....	20,977 83		357 40	21,335 23
Grenville.....	17,925 24		585 60	18,510 84
Carillon.....	1,106 66		74 16	1,180 82
St. Anne's Lock.....	3,080 05		52 46	3,132 51
Total.....	43,089 78		1,069 62	44,159 40
<i>Rideau Canal.</i>				
Ottawa.....	2,117 24	1,387 25	63 11	3,567 60
Kingston.....	2,339 77	272 00	215 32	2,827 09
Smith's Falls.....	659 69			659 69
Total.....	5,116 70	1,659 25	278 43	7,054 38
<i>Burlington Bay Canal.....</i>	3,786 06	410 00	70 98	4,247 04
<i>St. Peter's Canal.....</i>	34 10			34 10
<i>Newcastle District Works.....</i>	707 02		2 45	709 47
<i>Sundry.</i>				
T. Adams.....			212 00	212 00
E. R. Benjamin.....			100 00	100 00
Total.....			312 00	312 00
Grand Total.....	380,125 23	19,320 29	4,904 15	404,349 67
Less Refunds, per Statement 16.				
Net Revenue.				

A. BRUNEL, Commissioner.

CANALS,

No. 6.—Collectors of Canal Tolls

DR.

(For Details, see

Balance due by Collectors, &c., 1st July, 1876.	Amounts received from Department to meet Expenditure	Deduction from Salaries for Super-annuation.	Balance due to Collectors &c., 30th June, 1877.	Total.	Collection Divisions.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
					<i>Welland Canal.</i>
	2,800 38	50 08		2,850 46	..... Port Colborne .....
	1,260 25	22 00		1,282 25	..... Port Dalhousie.....
	749 25	15 00		764 25	..... Dunnville .....
	601 96	10 04		612 00	..... Port Maitland.....
	764 73	14 40		779 13	..... Port Robinson .....
	234 96	4 04		239 00	..... St. Catharines .....
	6,411 53	115 56		6,527 09	..... Totals.....
					<i>St. Lawrence Canals.</i>
	1,077 84	16 96		1,094 80	..... Beauharnois .....
	1,189 53	19 97		1,209 50	..... Cornwall.....
	7,267 07	97 84		7,364 91	..... Montreal.....
	2,454 62	36 00		2,490 62	..... Lachine.....
	1,130 04	19 96		1,150 00	..... Edwardsburg.....
	13,119 10	190 73		13,309 83	..... Totals.....
					<i>Chambly Canal.</i>
	1,500 06	26 28		1,526 34	..... Chambly.....
25 00	891 03	16 04		932 07	..... St. John's.....
	513 25	6 32		519 57	..... St. Ours .....
25 00	2,904 34	48 64		2,977 98	..... Totals.....
					<i>Ottawa Canals.</i>
	725 85	12 00		737 85	..... Grenville .....
	535 11	6 32		541 43	..... Carillon .....
	931 07	18 00		949 07	..... St. Anne's Lock .....
	2,192 03	36 32		2,228 35	..... Totals.....
					<i>Rideau Canal.</i>
	1,633 29	16 04		1,649 33	..... Ottawa.....
	245 53	2 48		248 01	..... Kingston Mills.....
	222 87	2 48		225 35	..... Smith's Falls.....
	2,101 69	21 00		2,122 69	..... Totals.....
					<i>Burlington Bay Canal.</i>
	300 06	3 72		303 78	..... Burlington Bay Canal.....
	7 20			7 20	..... Newcastle District Works .....
	1,657 95	28 04		1,685 99	..... Inspector, R. Bell.....
	398 32			398 32	..... General contingencies.....
	770 28			770 28	..... Queen's Printer.....
	102 00			102 00	..... Stationery Office .....
25 00	29,964 50	444 01		30,433 51	..... Totals.....

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

1876-77.

in Account with Expenditure.

Appendix B.)

CR.

Balance due to Collectors &c., 1st July, 1876	Expenditure authorized by the Department.					Balance due by Collect'rs, &c., 30th June, 1877.	Total.
	Salaries.	Special Assistance.	Rent.	Travelling Expenses.	Other Expenses.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
2,800 00					50 46		2,850 46
1,100 00					157 25	25 00	1,282 25
750 00					14 25		764 25
500 00			100 00		12 00		612 00
720 00		34 28			24 85		779 13
200 00					39 00		239 00
6,070 00		34 28	100 00		297 81	25 00	6,527 09
850 00				7 50	237 30		1,094 80
1,000 00		124 00			85 50		1,209 50
4,900 00		1,419 54	525 00		520 37		7,364 91
1,800 00			408 97	33 25	243 24	5 16	2,490 62
1,150 00							1,150 00
9,700 00		1,543 54	933 97	40 75	1,086 41	5 16	13,309 83
1,500 00					26 34		1,526 34
800 00			123 67		8 40		932 07
500 00					19 57		519 57
2,800 00			123 67		54 31		2,977 98
600 00			100 00		37 85		737 85
500 00					41 43		541 43
900 00					49 07		949 07
2,000 00			100 00		128 35		2,228 35
800 00		761 50		55 82	32 01		1,649 33
200 00				24 00	24 01		248 01
200 00				2 10	23 25		225 35
1,200 00		761 50		81 92	79 27		2,122 69
300 00				3 78			303 78
1,400 00				284 00	7 20		7 20
					1 99		1,685 99
					398 32		398 32
					770 28		770 28
					102 00		102 00
23,470 00	2,339 32	1,257 64	410 45	2,925 94	30 16		30,433 51

A. BRUNEL,  
Commissioner.

No. 7.—SLIDES AND BOOMS' REVENUE, 1876-77.  
(For Details, see Appendix A.)

DR.

CR.

Balance due 1st July, 1876.	Dues since accrued.	Interest on dues of former years.	Total.		Amounts deposited to the credit of the Receiver General.	Balance due, 30th June, 1877.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
211,508 35	41,167 26	4,470 28	257,145 89	<i>Ottawa.</i>	54,825 11	209,320 78	257,145 89
6,053 86	57,091 57	300 76	63,446 19	..... A. J. Russell, Ottawa.....	45,608 94	17,837 25	63,446 19
.....	.....	.....	.....	.....McLean Stewart, Quebec, on a/c. A. J. Russell	.....	.....	.....
.....	11,332 88	5 60	11,338 48	<i>St. Maurice.</i>	11,338 48	.....	11,338 48
.....	.....	.....	.....	..... A. Dubord .....	.....	.....	.....
.....	768 52	.....	768 52	<i>Fenelon Falls.</i>	411 44	357 08	768 52
.....	.....	.....	.....	.....George Martin. ....	.....	.....	.....
76 80	724 90	.....	801 70	<i>Saguenay.</i>	76 80	724 90	801 70
.....	.....	.....	.....	.....D. Boulanger.....	.....	.....	.....
217,659 01	111,065 13	4,776 64	333,500 78	.....Totals.....	112,260 77	221,240 01	333,500 78

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



HYDRAULIC AND OTHER RENTS, &c., 1876-77.  
No. 8.—SUMMARY STATEMENT OF Lessees' Accounts.

(For Details, see Appendix C.)

DR.

CR.

Balance due 1st July, 1876.	Accrued during year ended 30th June, 1877.	Total.	Name of Work.	Abatements Authorized.	Paid into hands of Collectors. Vide Statement No. 5.	Deposited to the credit of the Receiver General.	Balance due 30th June, 1877.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
33,920 39	2,133 79	36,054 18	..... Chaudière Falls and Ottawa River .....	.....	584 00	1 00	35,469 18	36,054 18
5,861 10	1,838 95	7,700 05	..... Rideau Canal and River .....	930 00	810 25	34 00	5,925 80	7,700 05
4,427 00	939 00	5,366 00	..... Williamsburg Canal .....	.....	351 00	.....	5,015 00	5,366 00
2,017 50	955 00	2,972 50	..... Cornwall do .....	.....	1,075 00	.....	1,897 50	2,972 50
1,283 50	1,352 00	2,635 50	..... Beauharnois do .....	.....	1,017 00	.....	1,618 50	2,635 50
46,885 17	14,202 00	61,087 17	..... Lachine do .....	4,013 50	10,879 00	.....	46,194 67	61,087 17
291 00	351 00	642 00	..... Chambly do .....	100 00	100 00	.....	442 00	642 00
189 50	41 00	230 50	..... Trent River Works .....	.....	.....	80 00	150 50	230 50
45,695 06	7,133 66	52,828 72	..... Welland Canal .....	.....	2,457 40	.....	50,281 32	52,828 72
177 00	346 00	523 00	..... Sundry .....	50 00	435 00	3 00	50 00	523 00
			<i>Land Sales.</i>					
28,889 97	18,773 50	47,663 47	..... Principal Accounts .....	.....	.....	1,471 00	46,192 47	47,663 47
23,562 41	1,951 32	25,513 73	..... Interest do .....	.....	.....	.....	25,513 73	25,513 73
193,199 60	50,017 22	243,216 82	..... Less—Refunds per Statement No. 16. ....	5,183 50	17,708 65	1,589 00	218,735 67	243,216 82
			..... Totals .....	.....	.....	.....	.....	.....
			..... Net Revenue accrued. ....	.....	.....	.....	.....	.....
			.....	.....	49,927 22	.....	.....	.....

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

CR.

No. 9.—MINOR PUBLIC WORKS, 1876--77.

DR.

Balance due 1st July, 1876.	Accrued during year ended 30th June, 1877.	Total.	Work.	Overcharge in 1875-76.	Paid into hands of Collectors Vide Statement No. 5.	Deposited to the credit of the Receiver General.	Balance due 30th June, 1877.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
30 00	58 74	58 74	<i>Harbors.</i>		58 74		30 00	58 74
1,568 00	1,736 00	3,304 00	Port Colborne.....				3,304 00	3,304 00
			Oakville.....					
			Port Whitby.....					
			<i>Bridges.</i>					
			Union Suspension.....			2,042 48	144 00	2,186 48
	2,046 73	2,173 90	Dunnville.....		640 08		1,533 82	2,173 90
			<i>Ferries.</i>					
			Hull.....					205 00
400 00	205 00	205 00	Sandwich.....					500 00
50 00	100 00	100 00	New Edinburgh and Galtineau.....	50 00	50 00		500 00	100 00
	20 00	20 00	Restigouche.....			20 00		20 00
			<i>Piers.</i>					
			Eboulement.....					60 00
20 00	40 00	60 00	Berthier.....			40 00	20 00	60 00
30 00	60 00	90 00	Rivière Ouelle.....			60 00	30 00	90 00
10 00	20 00	30 00	Murray Bay.....			20 00	10 00	30 00
105 00	210 00	315 00	Rivière du Loup.....			210 00	105 00	315 00
267 00	230 00	497 00	Rimouski.....			230 00	267 00	497 00
120 00	80 00	200 00	L'Islet.....				200 00	200 00
10 00	20 00	30 00	Oak Point.....			20 00	10 00	30 00
	108 96	108 96	Matland.....			103 00	5 96	108 96
	109 08	109 08	Lesses of Offices in Custom House, St. John, N.B.....			109 08		109 08
	1,810 00	1,810 00	Total.....	50 00	953 82	4,664 56	6,159 78	1,810 00
4,283 57	7,544 59	11,828 16						11,828 16

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

CR.

No. 10—CULLERS' REVENUE, 1876--77.

DR.

Balance due 1st July, 1876.	Amounts accrued for Measuring and Culling Timber during year ended 30th June, 1877.	Total.	Deposited to the Credit of the Receiver General	Balance due 30th June, 1877.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
849 90	1,143 62	1,993 52	1,457 12	536 40	1,993 52
33,051 92	65,984 31	99,036 23	72,759 22	26,277 01	99,036 23
33,901 82	67,127 93	101,029 75	74,216 34	26,813 41	101,029 75

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 81st July, 1877.



No. 104.—CULLERS' EXPENDITURE, 1876-77.  
(For Details, see Appendix B.)

Dr.

Cr.

Balances due by Collectors, 1st July, 1876.	Received from Department to meet Expenditure.	Deducted from Salaries for Superannuation.	Balance due to Collectors, &c., 30th June, 1877.	Total.	—	Balance due to Collectors, 1st July, 1876.	Authorized Expenditure.				Total.	
							Salaries.	Special Assistance.	Other Contingencies.	Cullers' Fees.		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
.....	62,993 93	243 80	.....	63,237 73	Quebec.....	.....	12,900 00	1,858 75	2,346 65	46,132 33	.....	63,237 73
.....	2,152 89	16 04	.....	2,168 93	..... Montreal & Sorel.....	.....	300 00	418 00	195 92	755 01	.....	2,168 93
.....	2,425 00	.....	.....	2,425 00	..... Superannuated Cullers.....	.....	.....	.....	3,425 00	.....	.....	2,425 00
.....	236 65	.....	.....	236 65	..... Queen's Printer.....	.....	.....	.....	236 65	.....	.....	236 65
.....	103 45	.....	.....	103 45	..... Stationery Office.....	.....	.....	.....	103 45	.....	.....	103 45
.....	67,911 92	259 84	.....	68,171 76	..... Totals.....	.....	13,700 00	2,276 75	5,307 67	46,887 34	.....	63,171 76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

BILL STAMPS, 1876-77.

DR. No. 11.—STATEMENT showing the amount of Revenue accrued.

CR.

	Ontario and Quebec.	New Brunswick.	Nova Scotia.	Manitoba.	Total.	Ontario and Quebec.	New Brunswick.	Nova Scotia.	Manitoba.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
—										
To amount of Bill Stamps destroyed, or returned by distributors.....	1,569 46				1,569 80					
To commission allowed.....	9,921 63	563 40	0 34	55 13	11,011 77					
To amount of Bill Stamps remaining in hands of distributors, 30th June, 1877.....	44,133 19	4,922 04	5,576 93	2,315 51	56,947 67					
To balance, being the revenue accrued during 1876-77.....	188,197 15	10,704 60	8,961 79	1,104 52	208,968 06					
Total .....	243,821 42	16,190 04	15,010 68	3,475 16	278,497 30					
						By amount of Bill Stamps issued by the Receiver-General on the requisition of this Department during 1876-77.....	194,434 17	11,685 00	9,180 00	225,309 17
						Total .....	243,821 42	16,190 04	15,010 68	275,042 14
						By balance, being Revenue accrued.....	188,197 15	10,704 60	8,961 79	207,863 54
						Less refunds, per Statement 16.....	27 00			27 00
						Net Revenue .....	188,170 15	10,704 60	8,961 79	207,836 54

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

No. 114.—SUNDRY MINOR EXPENDITURES.  
(For Details, see Appendix B.)

CR.

DR.

Amount received from Department to meet Expenditure.	Deduction from Salaries for Superannuation.	Total.	Service.	Salaries.	Contingencies.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
1,750 00		1,750 00	.....Bill Stamps .....		1,750 00	1,750 00
793 26	16 04	809 30	.....Minor Public Works .....	800 00	9 30	809 30
483 05		483 05	.....Inspection of Staples .....		483 05	483 05
4,863 21		4,863 21	.....Adulteration of Food .....		4,863 21	4,863 21
249 15		249 15	..... Queen's Printer.....		219 15	219 15
8,138 67	16 04	8,154 71	.....Total .....	800 00	7,354 71	8,154 71

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

BILL

DR.

No. 12.—Stamp Distributors in

Balance, 1st July, 1876.		Stamps issued to Distributors.	Stamps transferred from other Distributors.	Total.	
Stamps on hand.	Cash on hand.				
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
40,269 78		32,520 00		72,789 78	<i>Ontario and Quebec.</i>
		161,249 17		161,249 17	Post Office Department.....
					Banks, and other Licensees.....
					Collectors of Inland Revenue as under
32 54	11 54			44 08	Belleville.....
230 45				230 45	Cobourg.....
60 14				60 14	Cornwall.....
39 62				39 62	Goderich.....
750 40				750 40	Guelph.....
903 78				903 78	Hamilton.....
957 21	52 95			1,010 16	Kingston.....
295 18				295 18	London.....
162 84				162 84	Ottawa.....
365 12				355 12	Paris.....
103 72	9 43	116 00		229 15	Perth.....
60 26	11 60	140 00		211 86	Prescott.....
154 04	51 67			205 71	St. Catharines.....
320 22		129 00		449 22	Sarnia.....
673 51				673 51	Toronto.....
242 84				242 84	Windsor.....
2,510 80				2,510 80	Montreal.....
769 31				769 31	Quebec.....
237 21		280 00		517 21	St. Hyacinthe.....
248 28				248 28	Three Rivers.....
49,387 25	137 19	194,434 17		243,958 61	Total.....
					<i>New Brunswick.</i>
4,505 04		11,685 00		16,190 04	Collector, St. John.....
					<i>Nova Scotia.</i>
5,830 68	1 00	9,180 00		15,011 68	Collector, Halifax.....
					<i>Manitoba.</i>
2,595 16	16 00	880 00		3,491 16	Collector, Winnipeg.....
62,318 13	154 19	216,179 17		278,651 49	Grand Total.....

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

## STAMPS, 1876-77.

account with Inland Revenue Department.

CR.

Stamps destroyed or returned damaged.	Deposited to the Credit of the Receiver General.	Commissions allowed to Distributors.	Stamps transferred to other Distributors.	Balance, 30th June, 1877.		Total.
				Stamps on hand.	Cash on hand.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1,269 96	34,125 46	1,873 98	.....	35,520 38	.....	72,789 78
293 72	152,907 81	8,047 64	.....	.....	.....	161,249 17
.....	26 03	.....	.....	6 51	11 54	44 08
.....	6 00	.....	.....	230 45	.....	230 45
.....	.....	.....	.....	54 14	.....	60 14
.....	.....	.....	.....	39 62	.....	39 62
.....	10 00	.....	.....	750 40	.....	750 40
.....	.....	.....	.....	893 78	.....	903 78
3 61	311 46	.....	.....	695 09	.....	1,010 16
.....	5 22	.....	.....	295 18	.....	295 18
.....	.....	.....	.....	157 62	.....	163 84
.....	115 71	.....	.....	365 12	.....	365 12
.....	124 90	.....	.....	111 26	2 18	229 15
.....	109 14	.....	.....	78 15	8 81	211 86
0 37	168 18	.....	.....	96 57	.....	205 71
.....	.....	.....	.....	280 67	.....	449 22
.....	.....	.....	.....	673 51	.....	673 51
.....	.....	.....	.....	242 84	.....	242 84
.....	.....	.....	.....	2,510 80	.....	2,510 80
.....	.....	.....	.....	769 31	.....	769 31
1 80	368 40	.....	.....	147 01	.....	517 21
.....	.....	.....	.....	214 78	33 50	248 28
1,569 46	188,278 31	9,921 62	.....	44,133 19	56 03	243,958 61
.....	10,704 60	563 40	.....	4,922 04	.....	16,190 04
0 34	8,962 49	471 62	.....	5,576 93	0 30	15,011 68
.....	1,120 52	55 13	.....	2,315 51	.....	3,491 16
1,569 80	209,065 92	11,011 77	.....	56,947 67	56 33	278,651 49

A. BRUNEL,  
Commissioner.

No. 13.—STATEMENT showing the Quantities of the several Articles subject 1875, 1876 and 1877, with

Articles subject to Duty.	1875.			Duty. \$ cts.
	Quantities.			
	Ex-Manufactory	Ex-Warehouse.	Total.	
	Wine Gallons.	Wine Gallons.	Wine Gallons.	
Spirits, at 75 cents per wine gallon and 90 cents per imperial gallon .....	1,319,294	2,644,663	3,963,957	2,972,971 47
Malt Liquor, at 3½ cents per wine gallon and 3·9 cents per imperial gallon.....	676,202	.....	676,202	21,976 56
Malt Liquor, duty having been paid on Malt.....	10,908,024	.....	10,908,024	.....
	Lbs.	Lbs.	Lbs.	
Malt .....	18,208,735	14,807,347	33,016,082	330,160 82
Tobacco at 15 and 20 cents per lb .....	813,003	5,389,909	6,202,912	1,240,582 40
do 10 " .....	1,901	.....	1,901	190 10
do 5 " .....	43	.....	43	2 15
Cigars at 30 " 40 " .....	264,744½	47,734½	312,479½	124,991 97
Snuff at 15 " 20 " .....	31,791	26,317	58,108	11,621 60
Raw Leaf Tobacco:—				
Foreign at 20 cents per lb .....	.....	228,172	228,172	45,634 40
Canadian at 10 " .....	.....	65,529	65,529	6,552 90
			6,869,144½	1,429,575 52
	Wine Gallons.	Wine Gallons.	Wine Gallons.	
Petroleum at 5 cents per wine gallon and 6 cents per imperial gallon .....	3,122,897½	2,012,499½	5,135,396	256,769 83
Inspection Fees on Petroleum.....	.....	.....	.....	10,282 84
Manufactures in Bond.....	.....	.....	.....	36,525 78
Licenses—Spirits.....	.....	.....	.....	4,250 00
" Malt Liquor.....	.....	.....	.....	8,000 00
" Malt.....	.....	.....	.....	21,225 00
" Tobacco.....	.....	.....	.....	5,225 00
" Petroleum.....	.....	.....	.....	1,500 00
" Manufactures in Bond.....	.....	.....	.....	650 00
Totals.....	.....	.....	.....	5,099,112 82

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

to Excise Duty taken for Consumption, during the Years ended 30th June, the Duty collected thereon.

1876.				1877.			
Quantities.			Duty.	Quantities.			Duty.
Ex-Manufactory	Ex-Warehouse.	Total.		Ex-Manufactory	Ex-Warehouse.	Total.	
Imperial Gallons.	Imperial Gallons.	Imperial Gallons.	\$ cts.	Imperial Gallons.	Imperial Gallons.	Imperial Gallons.	\$ cts.
810,018	2,631,108	3,441,126	3,097,018 43	722,224	2,220,113	2,942,337	2,648,101 83
163,161	.....	163,161	6,363 28	Nil.	Nil.	Nil.	.....
9,156,029	.....	9,156,029	.....	9,115,258	.....	9,115,258	.....
Lbs.	Lbs.	Lbs.		Lbs.	Lbs.	Lbs.	
12,097,858	18,595,589	30,693,447	306,934 47	8,711,751	20,167,900	28,879,651	371,928 56
966,944½	6,930,077	7,897,021½	1,579,405 29	781,416	6,543,777	7,325,193	1,465,039 10
5,750	.....	5,750	575 00	8,760	.....	8,760	876 00
254,503¾	80,421½	334,924¾	133,969 95	222,891 <sup>80</sup>	95,160 <sup>11</sup>	318,051 <sup>91</sup>	127,220 44
49,219	67,040	116,259	23,251 80	62,720½	5,908	68,628 <sup>50</sup>	13,725 70
.....	158,272	158,272	31,654 40	.....	87,203	87,203	17,440 60
.....	11,932½	11,932½	1,193 24	.....	8,629¾	8,629 <sup>75</sup>	863 00
.....	.....	8,524,159¾	1,770,049 68	.....	.....	7,816,466 <sup>16</sup>	1,625,164 84
Imperial Gallons.	Imperial Gallons.	Imperial Gallons.		Imperial Gallons.	Imperial Gallons.	Imperial Gallons.	
2,965,051	1,585,136½	4,550,187½	273,011 27	2,270,949	1,385,416	3,656,365	219,382 00
.....	.....	.....	11,591 42	.....	.....	.....	14,072 36
.....	.....	.....	27,283 63	.....	.....	.....	29,503 57
.....	.....	.....	2,875 00	.....	.....	.....	2,750 00
.....	.....	.....	7,825 00	.....	.....	.....	7,475 00
.....	.....	.....	20,775 00	.....	.....	.....	17,350 00
.....	.....	.....	5,400 00	.....	.....	.....	5,225 00
.....	.....	.....	950 00	.....	.....	.....	1,875 00
.....	.....	.....	550 00	.....	.....	.....	550 00
.....	.....	.....	5,530,627 18	.....	.....	.....	4,943,378 16

A. BRUNEL,  
Commissioner.

No. 14.—STATEMENT of Amounts deposited monthly to the credit of the  
Year ended

	Ontario and Quebec.	New Brunswick.	Nova Scotia.	Other Provinces.	Total.
<b>JULY :—</b>	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Excise and Seizures.....	249,253 37	11,983 61	15,157 51	6,925 65	283,320 14
Canals.....	49,264 15		32 82		49,296 97
Hydraulic and other rents.....	5,313 30			130 00	5,443 30
Minor Public Works.....	200 52				200 52
Slides.....	3,601 62				3,601 62
Cullers.....	5,116 97				5,716 97
Bill Stamps.....	11,754 03	398 05	385 79	16 00	12,553 87
Inspection of Weights and Mea- sures and Gas.....	705 45	94 70	143 85		944 00
Other Revenues.....					
<b>Total.....</b>	<b>325,809 41</b>	<b>12,476 36</b>	<b>15,719 97</b>	<b>7,071 65</b>	<b>361,077 39</b>
<b>AUGUST :—</b>					
Excise and Seizures.....	304,406 62	20,056 67	14,078 03	6,676 71	345,218 03
Canals.....	60,016 89				60,016 89
Hydraulic and other rents.....	1,419 00				1,419 00
Minor Public Works.....	262 32	437 50			699 82
Slides.....	7,535 27				7,535 27
Cullers.....	20,338 40				20,338 40
Bill Stamps.....	16,757 14	1,471 55	1,003 00	95 00	19,326 69
Inspection of Weights and Mea- sures and Gas.....	1,527 00	221 00	273 35		2,021 35
Other Revenues.....					
<b>Total.....</b>	<b>412,262 64</b>	<b>22,186 72</b>	<b>15,354 38</b>	<b>6,771 71</b>	<b>456,575 45</b>
<b>SEPTEMBER :—</b>					
Excise and Seizures.....	363,470 25	20,617 94	16,446 49	5,060 94	405,595 62
Canals.....	53,935 22				53,985 22
Hydraulic and other rents.....	92 25				92 25
Minor Public Works.....	526 84		24 58		551 42
Slides.....	14,760 10				14,760 10
Cullers.....	13,886 17				13,886 17
Bill Stamps.....	17,005 01	820 80	878 00	115 00	18,818 81
Inspection of Weights and Mea- sures and Gas.....	2,860 35	162 50	536 75		3,559 60
Other Revenues.....					
<b>Total.....</b>	<b>466,566 19</b>	<b>21,601 24</b>	<b>17,885 82</b>	<b>5,175 94</b>	<b>511,229 19</b>
<b>OCTOBER :—</b>					
Excise and Seizures.....	416,041 68	23,490 08	21,440 79	6,675 92	467,648 47
Canals.....	52,303 57				52,303 57
Hydraulic and other rents.....	1,624 00				1,624 00
Minor Public Works.....	305 96		31 27		337 23
Slides.....	14,905 09				14,905 09
Cullers.....	5,832 09				5,832 09
Bill Stamps.....	14,641 97	736 25	662 30	15 00	16,055 52
Inspection of Weights and Mea- sures and Gas.....	3,577 35	232 30	479 15		4,288 80
Other Revenues.....	66 60				66 60
<b>Total.....</b>	<b>509,298 91</b>	<b>24,458 63</b>	<b>22,613 51</b>	<b>6,690 92</b>	<b>563,061 97</b>



Hon. the Receiver-General, on Inland Revenue Account, during the Fiscal  
30th June, 1877.

	Ontario and Quebec.	New Brunswick.	Nova Scotia.	Other Provinces.	Total
<b>NOVEMBER :—</b>	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Excise and Seizures.....	480,948 07	29,790 05	23,793 90	6,434 78	540,966 80
Canals .....	41,668 49				41,668 49
Hydraulic and other rents.....	214 00				214 00
Minor Public Works.....	163 32	467 50	34 95		665 77
Slides .....	15,730 03				15,730 03
Cullers .....	5,226 72				5,226 72
Bill Stamps.....	18,575 94	845 50	385 70	285 00	20,092 14
Inspection of Weights and Mea- sures and Gas.....	3,950 25	160 95	716 65		4,827 85
Other Revenues .....					
Total.....	566,476 82	31,264 00	24,931 20	6,719 78	629,391 80
<b>DECEMBER :—</b>					
Excise and Seizures.....	400,521 04	18,697 67	23,836 21	9,118 89	452,173 81
Canals .....	11,514 95		1 28		11,516 23
Hydraulic and other rents.....	472 60				472 60
Minor Public Works.....	174 10		19 94		194 04
Slides .....	16,958 75				16,958 75
Cullers.....	7,290 15				7,290 15
Bill Stamps.....	11,770 65	1,027 90	450 30		13,248 85
Inspection of Weights and Mea- sures and Gas.....	4,825 50	133 25	413 35		5,372 10
Other Revenues.....					
Total.....	453,527 74	19,858 82	24,721 08	9,118 89	507,226 53
<b>JANUARY :—</b>					
Excise and Seizures.....	397,450 13	19,026 99	18,778 81	5,291 83	440,547 76
Canals .....	311 87				311 87
Hydraulic and other rents.....	5,045 50		245 00		5,290 50
Minor Public Works.....	218 09		34 68		252 77
Slides .....	6,382 33				6,382 33
Cullers.....	515 85				515 85
Bill Stamps.....	16,075 08	285 00	750 51		17,110 59
Inspection of Weights and Mea- sures and Gas.....	4,188 10	92 20	160 15		4,440 45
Other Revenues.....	97 42				97 42
Total.....	430,284 37	19,404 19	19,969 15	5,291 83	474,949 54
<b>FEBRUARY :—</b>					
Excise and Seizures.....	627,935 06	40,019 72	32,638 74	15,363 17	716,006 69
Canals .....					
Hydraulic and other rents.....	1,736 30				1,736 30
Minor Public Works .....	982 34	437 50			1,419 84
Slides .....	562 28				562 28
Cullers.....	2,979 89				2,979 89
Bill Stamps.....	23,790 63	944 30	482 60	173 52	25,391 05
Inspection of Weights and Mea- sures and Gas.....	5,502 45	54 55	180 25		5,737 25
Other Revenues .....	65 47				65 47
Total.....	663,548 42	41,456 07	33,351 59	15,536 69	753,892 77

No. 14.—STATEMENT of Amounts deposited monthly to the credit of the  
Year ended 30th June,

	Ontario and Quebec.	New Brunswick.	Nova Scotia.	Other Provinces.	Total.
<b>MARCH :—</b>	<b>\$ cts.</b>	<b>\$ cts.</b>	<b>\$ cts.</b>	<b>\$ cts.</b>	<b>\$ cts.</b>
Excise and Seizures.. .. .	214,788 97	10,773 28	22,384 16	4,993 73	252,910 14
Canals .....	636 30				636 30
Hydraulic and other rents.....	118 00	421 00			539 00
Minor Public Works .....	135 34				135 34
Slides .....					
Cullers.....	670 06				670 06
Bill Stamps.....	17,677 55	905 35	915 00	95 00	19,592 90
Inspection of Weights and Mea- sures and Gas.....	5,841 30	38 20	149 05	19 90	6,048 45
Other Revenues .....	80 28				80 28
<b>Total.....</b>	<b>239,947 80</b>	<b>12,137 83</b>	<b>23,448 21</b>	<b>5,108 63</b>	<b>280,642 47</b>
<b>APRIL :—</b>					
Excise and Seizures.. .. .	256,104 90	16,817 02	13,221 73	6,908 58	293,106 23
Canals.....	927 27				927 27
Hydraulic and other rents.....	1,727 00	300 00			2,027 00
Minor Public Works .....	189 19		28 99		218 18
Slides .....	507 04				507 04
Cullers .....	196 13				196 13
Bill Stamps.....	8,575 35	1,555 15	996 14		11,126 64
Inspection of Weights and Mea- sures and Gas.....	5,101 90	21 40	97 55	50 80	5,281 65
Other Revenues.....					
<b>Total.....</b>	<b>273,328 78</b>	<b>18,757 57</b>	<b>14,344 41</b>	<b>6,959 38</b>	<b>313,390 14</b>

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Hon. the Receiver-General, on Inland Revenue Account, during the Fiscal 1877.—Continued.

	Ontario and Quebec.	New Brunswick.	Nova Scotia.	Other Provinces.	Total.
<b>MAY:—</b>					
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Excise and Seizures.....	333,757 92	21,613 44	18,973 20	9,876 56	384,221 12
Canals.....	43,754 67				43,754 67
Hydraulic and other rents.....	346 25	375 00			721 25
Minor Public Works.....	227 53	467 50	11 98		707 01
Slides.....	16,806 64				16,806 64
Cutters.....	1,361 85				1,361 85
Bill Stamps.....	18,444 00	783 75	1,077 05	41 00	20,345 80
Inspection of Weights and Mea- sures and Gas.....	4,717 55	66 15	69 55	10 95	4,864 20
Other Revenues.....	204 11				204 11
Total.....	419,620 52	23,305 84	20,131 78	9,928 51	472,986 65
<b>JUNE:—</b>					
Excise and Seizures.....	317,626 93	18,477 67	21,646 81	12,710 22	370,461 63
Canals.....	65,727 75				65,727 75
Hydraulic and other rents.....	316 75				316 75
Minor Public Works.....	270 27		25 69		295 96
Slides.....	14,511 02				14,511 02
Cutters.....	10,202 06				10,202 06
Bill Stamps.....	13,210 96	931 00	976 10	285 00	15,403 06
Inspection of Weights and Mea- sures and Gas.....	5,687 40	84 95	67 90		5,840 25
Other Revenues.....					
Total.....	427,533 14	19,493 62	22,716 50	12,995 22	482,758 43
Grand Total.....	5,188,224 74	266,400 89	255,187 60	97,369 15	5,807,182 38

A. BRUNEL,  
Commissioner.

## EXCISE

## No. 15.—COMPARATIVE Monthly

From what Source.	July.	August.	September.	October.	November.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
SPIRITS..... { 1875-76.....	230,928 42	228,561 57	268,031 81	296,731 38	305,851 53
{ 1876-77.....	164,661 55	192,709 95	215,711 74	265,367 34	289,087 23
INCREASE in 1876-77.....					
Decrease in 1876-77.....	66,266 87	35,851 62	52,320 07	31,364 04	16,764 30
MALT LIQUOR..... { 1875-76.....	4,800 00	1,357 82	2,285 69	2,089 15	2,351 01
{ 1876-77.....	4,900 00	550 00	800 00	300 00	250 00
INCREASE in 1876-77.....	100 00				
Decrease in 1876-77.....		807 82	1,485 69	1,789 15	2,101 01
MALT..... { 1875-76.....	10,425 84	13,840 27	27,081 77	31,358 78	37,142 30
{ 1876-77.....	8,260 60	11,968 28	24,140 71	34,381 93	33,487 92
INCREASE in 1876-77.....				3,023 15	
Decrease in 1876-77.....	2,165 24	1,871 99	2,941 06		3,654 38
TOBACCO..... { 1875-76 ...	138,335 53	126,468 57	157,198 35	152,475 33	161,528 56
{ 1876-77.....	108,134 56	119,501 87	144,784 61	154,329 81	155,849 47
INCREASE in 1876-77.....				1,854 48	
Decrease in 1876-77.....	30,200 97	6,966 70	12,413 74		5,679 09
PETROLEUM..... { 1875 76.....	11,121 93	16,875 55	30,372 57	41,818 71	38,867 22
{ 1876-77.....	14,126 10	17,375 88	32,871 51	48,741 68	40,630 06
INCREASE in 1876-77.....	3,004 17	500 33	2,498 94	6,922 97	1,762 84
Decrease in 1876-77.....					
MANUFACTURES { 1875-76.....	2,427 17	2,865 62	2,844 76	2,564 33	2,907 43
IN BOND..... { 1876-77.....	2,160 87	3,619 50	3,042 01	2,592 57	3,489 37
INCREASE in 1876-77.....		753 88	197 25	28 24	581 94
Decrease in 1876-77.....	266 30				
SEIZURES..... { 1875-76.....	51 00			8 00	4 66
{ 1876-77.....	33 70	30 00		153 96	136 42
INCREASE in 1876-77.....		30 00		145 96	131 76
Decrease in 1876-77.....	17 30				
OTHER RECEIPTS. { 1875-76.....	988 25	557 80	406 30	376 50	492 60
{ 1876-77.....	952 30	488 30	500 24	546 60	542 50
INCREASE in 1876-77.....			93 94	170 10	49 90
Decrease in 1876-77.....	35 95	69 50			
TOTAL INCREASE in 1876-77.....					
Total Decrease in 1876-77.....	95,848 46	44,283 42	66,370 43	21,008 29	25,672 34

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

## REVENUE.

Statement, 1875-76 and 1876-77.

December.	January.	February.	March.	April.	May.	June.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
360,304 73	403,332 66	638,507 81	61,574 32	70,847 10	118,263 44	116,958 66	3,099,893 43
304,363 63	232,552 90	342,910 72	111,693 10	161,825 57	207,643 20	162,319 90	2,650,851 83
55,936 10	170,779 76	295,597 09	50,118 78	90,978 47	89,379 76	45,361 24	449,041 60
9 91	175 00	50 00	50 00	50 00	.....	50 00	14,188 28
250 00	50 00	100 00	75 00	25 00	25 00	150 00	7,475 00
679 61	125 00	50 00	25 00	.....	25 00	100 00	6,713 28
33,415 87	31,650 82	72,343 98	21,445 90	20,838 58	17,915 11	10,250 25	327,709 47
33,425 75	35,708 08	59,414 53	48,172 38	44,295 32	33,554 84	22,446 82	389,257 16
9 88	4,057 26	.....	26,726 48	23,456 74	15,639 73	12,196 57	61,547 69
.....	.....	12,929 45	.....	.....	.....	.....	.....
119,582 59	102,663 30	433,154 41	64,128 02	75,578 97	121,667 27	122,668 78	1,775,449 68
122,598 99	110,057 29	267,192 57	70,361 56	108,666 90	136,167 05	132,745 16	1,630,389 84
3,016 40	7,393 99	.....	6,233 54	33,087 93	14,499 78	10,076 38	.....
.....	.....	165,961 84	.....	.....	.....	.....	145,059 84
36,314 31	31,848 03	23,548 97	16,247 64	13,369 14	15,067 19	10,101 43	285,552 69
26,217 62	34,014 71	17,475 21	1,712 53	1,051 49	598 38	514 19	235,329 36
10,096 69	2,166 68	.....	14,535 11	12,317 65	14,468 81	9,587 24	50,223 33
.....	.....	6,073 76	.....	.....	.....	.....	.....
1,243 76	2,011 30	2,741 48	604 64	2,145 02	2,905 88	2,572 24	27,833 63
1,640 57	1,247 28	1,257 76	2,671 80	1,830 69	3,742 54	2,758 61	30,053 57
396 81	.....	.....	2,067 16	.....	836 66	186 37	2,219 94
.....	764 02	1,483 72	.....	314 33	.....	.....	.....
63 35	25 00	126 00	751 62	500 00	90 20	55 10	1,674 93
84 21	307 00	150 16	155 38	226 49	254 13	65 35	1,596 80
20 86	282 00	24 16	.....	.....	163 93	10 25	.....
.....	.....	.....	596 24	273 51	.....	.....	78 13
478 30	394 70	363 60	411 55	458 50	594 46	452 00	5,974 56
496 92	483 27	320 50	360 51	322 10	405 00	252 00	5,670 24
18 62	88 57	.....	.....	.....	.....	.....	.....
.....	.....	43 10	51 04	136 40	189 46	200 00	304 32
.....	.....	.....	.....	.....	.....	.....	.....
63,249 83	157,680 28	482,014 80	69,988 57	134,456 25	105,886 59	58,143 57	587,652 87

Total Revenue, 1875-76..... 5,538,276 67  
do 1876-77..... 4,950,623 60

No 16.—REFUNDS, 1876-77.

EXCISE

Articles.	To whom paid.	Date.	Division.	Under what authority refunded.	Amount.	Total.
					\$ cts.	\$ cts.
Spirits .....	Gooderham & Wors .....	1st Dec., 1876.....	Toronto .....	Duty refunded under 31st Vict., cap 5, sec. 49.....	54 41	
	Hesper, J. ....	31st March, 1877.....	Guelph.....	do	370 71	
Tobacco .....	Schumaker, L. ....	2nd Oct., 1876.....	St. Catharines.....	do	50 00	425 15
	Reid, C. P. ....	12th Oct., 1876.....	Toronto.....	do	41 00	
	Tuckett & Billings .....	20th Nov., 1876.....	Hamilton.....	do	50 00	
	Dobson, W. E. ....	7th March, 1877.....	Toronto.....	do	50 00	
	Roman, S. ....	do	Montreal .....	do	50 00	
	Rutherford, W. T. ....	15th March, 1877.....	London .....	do	50 00	
	McKay, H. ....	21st April, 1877.....	do	do	50 00	
	Ferguson, D. H. ....	1st May, 1877.....	Montreal .....	do	50 00	
	Jones, P. ....	8th May, 1877.....	do	do	50 00	
Malt ... ..	Keith & Son.....	26th July, 1876.....	Halifax.....	under 31 Vic., cap. 8, sec. 109.....	914 97	444 00
	Oland, J. C. ....	do	do	do	275 82	
	Stewart & Keast.....	29th July, 1876.....	Victoria.....	do	181 09	
	do	7th Sept., 1876.....	do	do	15 12	
	Fraser, Oland & Co.....	19th Sept., 1876.....	Halifax.....	do	158 73	
	Pope, Hon. J. C. ....	28th Sept., 1876.....	Charlottetown.....	do	48 36	
	Stewart & Keast.....	22nd Sept., 1876.....	Victoria.....	do	41 58	
	Keith & Son.....	1st Dec., 1876.....	Halifax.....	do	1,675 17	
	Oland, J. C. ....	14th Dec., 1876.....	do	do	381 42	
	Raw, J. & J. ....	26th Dec., 1876.....	Guelph.....	under 31 Vic., cap. 5, sec. 49.....	1 87	
	Spetz, J. H. ....	do	do	do	5 70	
	Slater, R. P. ....	do	do	do	24 93	
	Ernst, Peter.....	do	do	do	7 57	
	Doerbecker, C. ....	do	do	do	1 81	
	Peck, T. ....	do	do	do	11 80	
	Kuntz, David.....	do	do	do	4 54	
	Reuter, J. ....	do	do	do	0 80	
	Morton & Co.....	do	do	do	5 76	

Item	Date	Location	Authority	Value
Holliday, T.	do	do	do	0 13
Bernhardt, F.	do	do	do	1 78
Taylor, J.	20th Jan, 1877	St. Catharines	do	16 37
Cronmiller, H.	do	do	do	9 51
Russell, A. R.	do	do	do	2 24
Carling & Co.	20th Feb, 1877	London	under 31 Vic, cap. 8, sec. 109	16 43
do	28th Feb, 1877	do	do	23 30
O'Mullin, P. & J.	17th March, 1877	Halifax	do	231 60
Fraser, Oland & Co.	do	do	do	208 74
Keith & Son	8th March, 1877	do	do	931 27
Loewen & Erb	18th April, 1877	Victoria	do	5 56
Cronmiller, H.	25th April, 1877	St. Catharines	under 31 Vic, cap. 5, sec. 49	50 00
Heather, C.	8th May, 1877	Guelph	do	32 00
Anderton Bros.	do	Toronto	do	13 02
Copland, Wm.	do	do	do	44 13
Cornell, John	do	do	do	26 81
Simpson, R.	do	do	do	5 23
Davies Bros	do	do	do	59 27
Cosgrave & Co.	do	do	do	28 77
Hine, H. L.	do	do	do	274 66
O'Keefe & Co.	17th May, 1877	do	do	8 40
Wallace, J. S.	19th May, 1877	Prescott	under 31 Vic, cap. 8, sec. 109	29 78
Keith & Son	23rd May, 1877	Halifax	under 31 Vic, cap. 5, sec. 49	1,523 25
Oland, J. C.	do	do	under 31 Vic, cap. 8, sec. 109	330 83
do	do	do	do	29 29
Seyers, J.	12th June, 1877	do	do	16 57
Grant, R.	28th June, 1877	Toronto	under 31 Vic, cap. 5, sec. 49	11 59
Steeane, J. J.	30th June, 1877	Hamilton	do	6 53
Osborne, W.	do	do	do	17 83
Wilson, R. S.	do	do	do	35 58
O'Keefe & Co.	8th May, 1877	Toronto	do	52 12
Allen, T.	do	do	do	21 70
Ball, J.	do	do	do	27 80
Sharpe, H. E.	19th May, 1877	London	do	2 10
Adams, S. A.	do	do	do	0 55
Total Excise Duties refunded.....				8,711 73
CANAL TOLLS, &c.				
Petroleum				7,839 93
Hamilton, W. H.	25th Nov, 1876		Duty refunded under 31 Vic, cap. 5, sec. 49	137 42
Larkin, P.	10th Feb, 1877		do	559 84
				697 26

No. 16.—REFUNDS, 1876-77.—Concluded.

CANAL TOLLS, &c.—Concluded.

Canals.	To whom paid.	Date.	Division.	Under what authority refunded..	Amount.	Total.
					\$ cts.	\$ cts.
Ottawa Canals.	Cook, A. A.....	5th July, 1876.....	.....	Duty refunded under 31 Vic., cap. 5, sec. 49.....	7 62	
	Couvrette, J. C.....	do.....	.....	do.....	107 50	
	Kinghorn, J. M.....	14th Aug., 1876.....	.....	do.....	6 46	
	McIntosh, A.....	10th Jan., 1877.....	.....	do.....	19 32	
	M. & O. Forwarding Co.	23rd June, 1877.....	.....	do.....	562 68	703 58
Lachine Canal.	do.....	11th July, 1876.....	.....	do.....	39 08	
	Honey, John.....	2nd Dec., 1876.....	.....	do.....	211 04	250 12
Other St. Lawrence Canals.	Henderson, P. R.....	25th Oct., 1876.....	.....	do.....	3 60	
	Carrell, F. A.....	28th Jan., 1877.....	.....	do.....	22 35	
	Beckett, A. W.....	4th June, 1877.....	.....	do.....	60 57	
	Henderson, P. R.....	30th June, 1877.....	.....	do.....	7 88	
Burlington Bay Canal.....	Zealand, E.....	7th Dec., 1876.....	.....	do.....	94 40	
				Total Canal Tolls, &c, refunded.....	13 40	1,758 76
HYDRAULIC RENTS.						
.....	Robert, J. B.....	4th June, 1877.....	.....	Duty refunded under 31 Vic., cap. 5, sec. 49.....	.....	93 00



BILL STAMPS.

.....	Drummond, A. ....	11th July, 1876.....	.....	Duty refunded under 31 Vic., cap. 5, sec. 49.....	.....	27 00
				Grand Total Refunds.....	.....	10,687 49

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

No. 17.—DEPARTMENTAL EXPENDITURE, 1876-77.

(For Details, see Appendix B.)

CR.

DR.

Disbursed by the Receiver General.	Deduction for Superannuation.	Total.	Salaries.	Contingen-cies.	Due by Sundry Persons, 30th June, 1877.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
7,000 00	.....	7,000 00	7,000 00	.....	.....	7,000 00
23,334 73	442 77	23,777 50	23,777 50	.....	.....	23,777 50
316 45	.....	316 45	.....	316 45	.....	316 45
2,903 16	.....	2,903 16	.....	2,886 50	16 66	2,903 16
709 13	.....	709 13	.....	709 13	.....	709 13
449 18	.....	449 18	.....	449 18	.....	449 18
1,160 86	.....	1,160 86	.....	1,160 86	.....	1,160 86
951 18	.....	951 18	.....	951 18	.....	951 18
183 96	.....	183 96	.....	183 96	.....	183 96
37,006 65	442 77	37,451 42	30,777 50	6,657 26	16 66	37,451 42

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

WEIGHTS AND MEASURES, GAS AND LAW STAMPS, 1876 77

Dr.

No. 18.—STATEMENT showing the amount of Revenue accrued.

	Weights and Measures Stamps.	Gas Stamps.	Law Stamps, Supreme Court.	Total.	Weights and Measures Stamps.	Gas Stamps.	Law Stamps, Supreme Court.	Total
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
—								
To amount of Stamps destroyed, or returned by Distributors.....	29 10			29 10	By amount of Stamps in hands of Distributors on 1st July, 1876.....	47,781 75	123 95	60,713 45
To Commission allowed..			31 77	31 77	By amount of Stamps issued by the Inland Revenue Department during the year.....	81,256 80	710 00	92,950 80
To amount of Stamps remaining in hands of Distributors, 30th June, 1877.....	77,351 60	20,900 80	294 30	98,546 70				
To balance, being the Revenue accrued during 1876-77.....	51,657 85	2,890 95	507 88	55,056 68				
Total.....	129,038 55	23,791 75	833 95	153,664 25	Total .....	129,038 55	833 95	153,664 25

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

WEIGHTS AND MEASURES' STAMPS, 1876-77.

Dr. No. 19.—Stamps Distributors in account with Inland Revenue Department. Cr.

Balances, 1st July, 1876.		Stamps issued to Deputy Inspectors.		Total.	Divisions.	Stamps destroyed, or returned.	Deposited to credit of the Receiver General.	Balances, 30th June, 1877.		Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.					Stamps on hand.	Cash on hand.	
680 00		1,610 00		580 00	Algona		115 85	460 25	3 90	580 00
		1,845 00		1,610 00	Brant		869 85	740 15		1,610 00
		1,115 00		1,845 00	Brockville		1,232 85	612 15		1,815 00
		580 00		1,115 00	Bruce		709 35	405 65		1,115 00
1,378 75	6 25	1,721 00		580 00	Dundas		18 65	561 35		580 00
		1,721 00		1,385 00	Durham	10 00	812 80	460 75	101 45	1,385 00
		870 00		1,721 00	Elgin		1,490 15	230 85		1,721 00
		870 00		870 00	Essex	2 30	416 70	451 00		870 00
		1,485 00		870 00	Glengary		641 60	228 40		870 00
		7,000 00		1,485 00	Grey		915 70	569 30		1,485 00
1,060 55	0 50	7,067 50		1,761 50	Halton	1 50	763 50	996 05		1,761 05
		1,064 55	65 95	7,097 50	Hamilton		4,602 65	2,491 85		7,097 50
		1,170 00		1,130 50	Hastings		619 25	511 25		1,130 50
		1,170 00		1,170 00	Huron		232 70	927 30		1,160 00
		1,160 00		1,160 00	Ken.		872 90	297 10		1,170 00
		1,160 00		2,049 70	Kingston		994 30	981 50	73 90	2,049 70
		1,160 00		1,160 00	Lambton		464 15	559 70	136 15	1,160 00
		870 00		870 00	Lanark	1 65	123 05	693 95	51 35	870 00
		1,301 25		1,301 25	Lennox		478 60	808 05	16 60	1,301 25
		2,080 00		2,080 00	London	6 20	1,323 60	707 70	42 50	2,080 00
		2,080 00		1,413 30	Middlesex		1,192 00	221 90		1,413 30
		580 00		580 00	Muskoka	0 80	245 85	333 35		580 00
		1,160 00		1,160 00	Niagara		493 50	666 50		1,160 00
		959 95		580 00	Norfolk		278 05	285 75	16 20	580 00
		1,267 40		959 95	Northumberland		581 75	378 20		959 95
		1,454 90	67 85	2,437 40	Ontario		1,495 65	930 75	1 00	2,437 40
		1,454 90		2,437 40	Ottawa		1,288 45	919 20	57 55	2,437 40
		1,454 90		2,437 40						2,437 40

806 45	1,580 00	1,580 00	1,580 00	1,002 15	530 40	47 45	1,580 00
580 00	327 50	806 45	Peterboro	481 70	285 25	39 50	806 45
580 00	327 50	977 00	Prince Edward	589 15	387 85		977 00
	1,640 00	907 50	Newfrew	526 75	380 75		907 50
	1,640 00	1,640 00	Sturce	1,053 75	503 30	82 95	1,640 00
	1,160 00	1,160 00	Stratford	385 05	774 95		1,160 00
4,343 30	53 25	5,796 55	Toronto	4,150 00	1,560 65	85 10	5,796 55
514 40		1,414 40	Victoria	801 45	571 90	38 05	1,414 40
		1,160 00	Waterloo	488 60	615 75	52 45	1,160 00
		1,450 00	Welland	962 05	487 95		1,450 00
1,160 00		1,600 00	Wellington	916 15	683 85		1,600 00
		1,450 00	York	1,012 75	437 25		1,450 00
20,262 65	193 80	61,168 75	Ontario	35,646 80	24,650 20	846 10	61,168 75
1,160 00		580 00	Beauce	47 80	532 20		580 00
		580 00	Beaubien	679 80	479 90		1,160 00
		580 00	Bellechasse	146 00	434 00		580 00
		1,070 00	Berthier	247 25	703 55		1,070 00
		870 00	Chambly	366 45	366 45		870 00
		580 00	Champlain	16 70	862 80		580 00
		1,160 00	Drummond	260 95	319 05		1,160 00
1,382 65	18 65	1,401 30	Gaspé		1,160 00		1,401 30
		810 00	Hull	347 60	1,053 70		810 00
		870 00	Iberville	438 50	371 50		870 00
		565 00	Joliette	334 50	535 50		565 00
		870 00	Kamouraska	38 40	517 15	9 45	870 00
		870 00	Labrador		870 00		870 00
		870 00	Laval	208 35	663 65		870 00
		870 00	Lévis	110 00	757 20	2 80	870 00
870 00		1,190 00	Lotbinière	487 75	503 25	219 00	1,190 00
		580 00	Missisquoi	99 95	480 05		580 00
		580 00	Montmagny	60 60	519 40		580 00
		11,600 00	Montmorency	3,813 35	7,614 55	172 10	11,600 00
		4,640 00	Montreal	1,085 05	3,483 85	70 75	4,640 00
		920 00	Quebec	292 80	627 20		920 00
		580 00	Richelieu	60 00	487 75	32 25	580 00
		710 00	Rimouski	340 35	369 65		710 00
		1,575 00	Saguenay	818 00	757 00		1,575 00
		2,319 88	Sherbrooke	98 15	2,218 85	2 80	2,319 88
870 00		870 00	St. Hyacinthe	186 65	683 35		870 00
		900 00	Terrebonne	184 99	686 55	18 55	900 00
4,282 65	18 65	39,301 10	Three Rivers	1 15	28,014 40	527 70	39,301 10
			Quebec	10,757 85			

WEIGHTS AND MEASURES' STAMPS, 1876-77.—*Concluded.*  
 DR. No. 19.—Stamps Distributors in Account with Inland Revenue Department.—*Concluded.* CR.

Balances, 1st July, 1876.		Stamps issued to Deputy Inspectors.	Total.	Divisions.	Stamps destroyed, or returned.	Deposited to credit of Receiver General.	Balances, 30th June, 1877.		Total.
Stamps on hand.	Cash on hand.						Stamps on hand.	Cash on hand.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	
2,900 00		1,160 00	2,900 00	Fredericton	174 45	2,725 55		2,900 00	
		1,160 00	1,160 00	Kings	7 55	1,152 45		1,160 00	
		1,160 00	1,160 00	Moncton		1,160 00		1,160 00	
5,736 90	16 10		5,753 00	St. John	740 90	5,012 10		5,753 00	
1,116 40	23 60		1,140 00	Woodstock	72 75	1,067 25		1,140 00	
9,753 30	39 70	2,320 00	12,113 00	..... <i>New Brunswick</i> .....	995 65	11,117 35		12,113 00	
		1,450 00	1,450 00	..... <i>Annapolis</i> .....	98 55	1,351 45		1,450 00	
1,150 00		324 90	1,474 90	..... <i>Cape Breton</i> .....	300 40	1,174 50		1,474 90	
		1,450 00	1,450 00	..... <i>Colchester</i> .....	120 10	1,282 70	47 20	1,450 00	
1,160 00			1,160 00	..... <i>Guyaboro'</i> .....	252 75	907 25		1,160 00	
3,922 95			3,922 95	..... <i>Halifax</i> .....	431 55	3,491 40		3,922 95	
1,450 00			1,450 00	..... <i>Inverness</i> .....	507 15	940 55		1,450 00	
1,450 00			1,450 00	..... <i>Lunenburg</i> .....	625 80	824 20		1,450 00	
1,450 00			1,450 00	..... <i>Pictou</i> .....	185 25	1,238 75	26 00	1,450 00	
1,740 00			1,740 00	..... <i>Yarmouth</i> .....	459 50	1,280 50		1,740 00	
12,322 95		3,224 90	15,547 85	..... <i>Nova Scotia</i> .....	2,981 05	12,491 30	73 20	15,547 85	
1,160 00			1,160 00	..... <i>Manitoba</i> .....	81 65	1,078 35		1,160 00	
47,781 75	252 15	81,256 80	129,290 70	..... <i>Grand Total</i> .....	29 10	77,351 60	1,447 00	129,290 70	

INLAND REVENUE DEPARTMENT,  
 OTTAWA, 31st July, 1877.  
 A. BRUNEL,  
*Commissioner.*

GAS AND LAW STAMPS, 1876-77.

CR.

No. 20.—STAMP Distributors in account with Inland Revenue Department.

DR.

Balance, 1st July, 1876.		Stamps issued to Distributors		Total.	Districts.	Stamps destroyed, or returned damaged.	Deposited to the Receiver General.	Balance, 30th June, 1877.		Total.
Stamps on hand.	Cash on hand.	\$	cts.	\$		\$	\$	cts.	Cash on hand.	\$
.....	.....	1,137 50	.....	1,137 50	.....	.....	185 00	.....	7 50	1,137 50
.....	.....	1,500 00	.....	1,500 00	.....	.....	762 00	.....	.....	1,600 00
.....	.....	382 50	.....	635 25	.....	.....	993 75	.....	.....	635 25
.....	.....	4,518 00	.....	4,518 00	.....	.....	.....	.....	51 00	4,518 00
.....	.....	7,548 00	.....	7,790 75	.....	.....	.....	.....	58 50	7,790 75
.....	.....	1,000 00	.....	6,981 25	.....	.....	950 20	.....	.....	6,981 25
.....	.....	1,886 75	.....	1,886 75	.....	.....	136 00	.....	38 50	1,886 75
.....	.....	2,886 75	.....	8,868 00	.....	.....	1,086 20	.....	38 50	8,868 00
.....	.....	.....	.....	1,225 00	.....	.....	.....	.....	.....	1,225 00
.....	.....	349 75	.....	2,758 50	.....	.....	376 50	.....	1 50	2,758 50
.....	.....	349 75	.....	3,983 50	.....	.....	376 50	.....	1 50	3,983 50
.....	.....	199 50	.....	2,649 50	.....	.....	275 00	.....	29 50	2,649 50
.....	.....	500 00	.....	500 00	.....	.....	31 50	.....	.....	500 00
.....	.....	199 50	.....	3,149 50	.....	.....	306 50	.....	29 50	3,149 50
.....	.....	10,984 00	.....	23,791 75	.....	.....	2,762 95	.....	128 00	23,791 75
.....	.....	710 00	.....	833 95	.....	.....	507 88	.....	.....	833 95

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

WEIGHTS AND MEASURES, 1873-77.

No. 21.—Inspection Divisions in account with Expenditure.

(For Details, see Appendix B.)

CR

DR.

Balance due by sun-dry persons, 1st July, 1876.	Amounts received from Department to meet Expenditure.	Deducted from Salaries for Superannuation.	Balance due to sun-dry persons, 30th June, 1877.	Total.	Divisions.	Balance due to sun-dry persons, 1st July, 1876.	Expenditure authorized by the Department.						Total.
							Salaries.	Seizure Expenses.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
587 66	6 32	6 32	603 98	603 98	Algoma	500 00	500 00	52 50	49 13	2 35	603 98	603 98	
666 70	6 32	6 32	673 02	673 02	Brant	500 00	500 00	50 00	74 54	48 48	673 02	673 02	
754 01	12 00	12 00	766 01	766 01	Brockville	600 00	600 00	75 00	46 30	44 71	766 01	766 01	
850 93	6 32	6 32	857 25	857 25	Bruce	500 00	500 00	42 50	245 66	69 09	857 25	857 25	
502 49	6 32	6 32	508 81	508 81	Dundas	500 00	500 00	115 00	117 76	61 63	508 81	508 81	
788 07	6 32	6 32	794 39	794 39	Durham	500 00	500 00	151 50	61 42	111 63	794 39	794 39	
818 28	6 32	6 32	824 60	824 60	Elgin	500 00	500 00	90 00	107 00	85 39	824 60	824 60	
827 57	6 32	6 32	833 89	833 89	Essex	500 00	500 00	66 66	100 85	44 67	833 89	833 89	
733 16	6 32	6 32	739 48	739 48	Georgary	500 00	500 00	35 00	340 06	75 60	739 48	739 48	
944 34	6 32	6 32	950 66	950 66	Grey	500 00	500 00	75 00	319 77	27 04	950 66	950 66	
915 49	6 32	6 32	921 81	921 81	Halton	500 00	500 00	312 50	100 00	125 33	921 81	921 81	
2,489 96	34 48	34 48	2,524 34	2,524 34	Hamilton	1,900 01	1,900 01	186 50	100 00	24 55	2,524 34	2,524 34	
712 55	12 00	12 00	724 55	724 55	Hastings	600 00	600 00	56 25	9 75	666 00	724 55	724 55	
654 00	12 00	12 00	666 00	666 00	Huron	600 00	600 00	94 30	107 47	31 14	666 00	666 00	
726 69	6 32	6 32	732 91	732 91	Kent	700 00	700 00	19 26	19 26	109 94	732 91	732 91	
865 12	14 08	14 08	879 20	879 20	Kingston	500 00	500 00	144 00	40 35	51 90	879 20	879 20	
729 93	6 32	6 32	736 25	736 25	Lambton	500 00	500 00	15 00	15 00	19 85	736 25	736 25	
528 53	6 32	6 32	534 85	534 85	Lanark	500 00	500 00	144 24	19 00	27 85	534 85	534 85	
684 77	6 32	6 32	691 09	691 09	Lennox	500 00	500 00	281 74	33 26	58 08	691 09	691 09	
1,363 00	20 08	20 08	1,383 08	1,383 08	London	1,000 00	1,000 00	180 00	189 35	23 47	1,383 08	1,383 08	
886 50	6 32	6 32	892 82	892 82	Middlesex	500 00	500 00	36 00	104 00	22 68	892 82	892 82	
656 36	6 32	6 32	662 68	662 68	Mississauga	600 00	600 00	120 00	63 45	43 82	662 68	662 68	
751 82	12 00	12 00	763 82	763 82	Niagara	500 00	500 00	125 00	57 70	100 36	763 82	763 82	
712 24	6 32	6 32	718 56	718 56	Norfolk	500 00	500 00	80 00	218 90	281 67	718 56	718 56	
1,168 57	12 00	12 00	1,180 57	1,180 57	Northumberland	600 00	600 00	153 75	184 00	84 46	1,180 57	1,180 57	
1,402 13	20 08	20 08	1,422 21	1,422 21	Ottawa	1,000 00	1,000 00	153 75	184 00	84 46	1,422 21	1,422 21	



878 24	12 00	890 24	600 00	63 60	143 80	83 94	890 24
758 69	6 32	763 01	500 00	150 00	75 65	37 36	763 01
741 73	6 32	748 05	500 00	9 50	112 80	46 05	748 05
740 93	6 32	747 25	500 00	80 00	83 75	73 50	747 25
868 06	12 00	900 06	500 00	70 00	160 83	69 23	900 06
614 32	6 32	850 64	500 00	66 87	23 84	59 93	650 64
1 601 42	32 08	1 633 50	1 600 00		286 72	33 50	1 633 50
949 45	6 32	955 77	500 00	114 20	286 72	54 85	955 77
836 76	12 00	848 76	600 00	87 00	135 70	26 06	848 76
759 91	6 32	766 23	500 00	25 00	217 05	24 19	766 23
854 55	12 00	866 55	600 00	124 50	16 55	125 50	866 55
1 015 00	12 00	1 027 00	600 00	90 00	197 20	139 80	1 027 00
301 58		301 58	600 00		190 78	11 80	301 58
34,450 19	392 48	34,842 67	24,200 01	1 50	682 24	3,305 27	34,842 67
568 18	6 32	574 50	500 00	25 00	35 75	13 75	574 50
787 59	6 32	793 90	500 00	93 32	106 26	94 32	793 90
563 08	6 32	569 40	500 00	21 50	47 90	569 40	569 40
597 86	6 32	604 18	500 00	66 67	37 51	37 51	604 18
764 73	6 32	771 05	500 00	89 00	127 60	54 45	771 05
593 52	6 32	599 84	500 00	53 34	25 05	21 45	599 84
650 90	6 32	657 22	500 00	66 36	10 50	38 69	657 22
599 08	6 32	605 40	500 00		105 40	657 22	605 40
1 222 38	11 29	1 233 67	898 54	139 92	130 00	65 21	1 233 67
662 63	6 32	668 95	500 00	60 45	72 20	36 36	668 95
570 88	6 32	577 20	500 00	75 00		2 20	577 20
523 52	6 32	529 84	500 00	25 00		4 84	529 84
493 68	6 32	500 00	500 00				500 00
586 23	6 32	592 55	500 00	60 00		32 55	592 55
612 76	6 32	619 08	500 00	83 33		35 75	619 08
615 22	6 32	621 54	500 00	82 50	29 80	9 24	621 54
687 10	6 32	693 42	500 00	50 00	135 17	8 25	693 42
518 68	6 32	525 00	500 00	25 00			525 00
685 11	6 32	611 43	500 00	24 00	6 50	30 93	611 43
2 801 68	94 36	4 756 04	4 717 29			38 75	4 756 04
450 00	43 15	2 345 06	2 168 61	36 07		130 38	2 345 06
644 33	6 32	650 65	500 00	66 00	47 25	37 40	650 65
519 68	6 32	526 00	500 00	25 00		1 00	526 00
806 62	6 32	812 94	500 00	54 00	232 00	36 94	812 94
843 72	12 00	855 72	600 00	56 25	149 83	49 64	855 72
595 67	6 32	599 99	500 00	62 49		37 50	599 99
607 23	6 32	613 55	500 00	30 00	49 55	34 00	613 55
402 97	2 08	405 05	166 64	185 46		7 15	405 05
381 93		381 93	166 64		277 96	103 97	381 93
21,776 86	308 24	24,295 10	20,041 08	221 53	1,312 63	1,003 67	24,295 10

WEIGHTS AND MEASURES 1876-77.....Continued.

No. 21.—INSPECTION Divisions in account with Expenditure.

(For Details, see Appendix B.)

DR.

CR.

Balance due by sundry persons 1st July, 1876.	Amounts received from Department to meet expenditure.	Deducted from Salaries for Superannuation.	Balance due to sundry persons 30th June, 1877.	Total.	Divisions.	Balance due to sundry persons 1st July, 1876.	Expenditure authorized by the Department.						Balance due by sundry persons 30th June, 1877.	Total.
							Salaries.	Seizure Expenses.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
648 43	541 78	6 32	654 75	654 75	Fredericton	500 00	116 67	38 08	30 00	17 62	38 08	654 75	654 75	
495 08	521 90	6 32	548 10	548 10	Kings	500 00	30 00	0 48	1 40	28 22	0 48	548 10	548 10	
493 08	1,894 49	6 32	501 40	501 40	Moncton	500 00	.....	.....	.....	.....	.....	501 40	501 40	
1,884 49	675 31	20 08	528 22	528 22	Northumberland	500 00	.....	.....	.....	.....	.....	528 22	528 22	
.....	.....	6 32	500 00	500 00	Restigouche	1,000 00	762 52	142 05	80 00	43 20	33 43	1,904 87	1,904 87	
.....	.....	6 32	681 63	681 63	St. John	500 00	.....	.....	.....	.....	.....	681 63	681 63	
.....	.....	.....	.....	.....	Woodstock	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	District Inspector	.....	.....	.....	.....	.....	.....	.....	.....	
5,260 67	.....	58 00	5,318 67	5,318 67	New Brunswick	4,000 00	226 67	214 04	90 44	90 44	214 04	5,318 67	5,318 67	
615 36	751 79	6 32	621 68	621 68	Annapolis	500 00	.....	.....	.....	107 05	14 63	621 68	621 68	
673 33	846 71	6 32	758 11	758 11	Cape Breton	500 00	80 00	13 61	66 66	37 07	25 92	758 11	758 11	
.....	.....	6 32	679 65	679 65	Colchester	500 00	60 00	187 23	280 00	.....	49 70	679 65	679 65	
1,309 62	493 68	20 08	853 03	853 03	Guyaboro'	500 00	.....	.....	.....	.....	.....	853 03	853 03	
.....	.....	6 32	1,329 70	1,329 70	Halifax	1,000 00	.....	.....	.....	.....	.....	1,329 70	1,329 70	
.....	.....	6 32	500 00	500 00	Hants	500 00	.....	.....	.....	.....	.....	500 00	500 00	
867 03	809 16	6 32	863 35	863 35	Inverness	500 00	80 00	252 95	115 50	144 63	55 33	863 35	863 35	
518 97	685 59	3 12	815 48	815 48	Lunenburg	500 00	.....	.....	.....	.....	.....	815 48	815 48	
.....	.....	6 32	520 09	520 09	Pictou	249 96	249 96	9 35	87 60	63 60	50 81	520 09	520 09	
.....	.....	6 32	701 91	701 91	Yarmouth	500 00	.....	.....	.....	.....	.....	701 91	701 91	
.....	.....	.....	.....	.....	District Inspector	.....	.....	.....	.....	.....	.....	.....	.....	
7,569 24	.....	73 78	7,643 00	7,643 00	Nova Scotia	5,249 96	769 66	966 40	249 96	966 40	327 02	7,643 00	7,643 00	

957 45	14 68	972 13	Monitoba	734 43	100 00	137 70	972 13
3,315 62	16 00	3,331 62	General Conting'cs	800 00		2,531 62	3,331 62
3,911 94		3,911 94	Queen's Printer			3,911 94	3,911 94
303 28		303 28	Stationery Office			303 28	303 28
2,210 00	77,545 25	80,618 41	Total	55,025 48	1 50	10,977 02	80,618 41
486 67	22,000 75	22,487 40	Equipment	933 33		21,454 07	22,487 40
2,696 67	99,545 98	103,105 81	Grand Total	933 33	1 50	32,431 09	103,105 81

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

GAS INSPECTION, 1876-77.

No. 22.—INSPECTION DISTRICTS in account with Expenditure.  
(For Details, see Appendix B.)

CR.

DR.

Balances due by sundry persons, 1st July, 1876.	Amounts received from Department to meet expenditure.	Deduction from Salaries for Superannation.	Balances due to sundry persons, 30th June, 1877.	Total.		Districts.	Balances due to sundry persons, 1st July, 1876.	Expenditure authorized by the Department.						Total.		
				\$	cts.			\$	cts.	Salaries.	Seizure Expenses.	Special Assistance.	Rent.		Travelling Expenses.	Sundries.
245 38	245 38		245 38	245 38	cts.	Brantford.....										245 38
835 99	835 99		835 99	835 99	cts.	Hamilton.....										835 99
350 00	350 00		350 00	350 00	cts.	Port Hope.....										350 00
792 22	792 22		792 22	792 22	cts.	Toronto.....										792 22
147 79	147 79		147 79	147 79	cts.	Ottawa.....										147 79
2,371 38	2,371 38		2,371 38	2,371 38	cts.	Ontario.....										2,371 38
1,805 56	1,821 59	28 04	1,805 56	1,805 56	cts.	Montreal.....		1,400 00	152 85							1,805 56
1,381 20	1,369 90	21 30	1,381 20	1,381 20	cts.	Quebec.....		1,061 11	36 07							1,381 20
21 67	21 67		21 67	21 67	cts.	St. Hyacinthe.....							21 67			21 67
3,208 43	3,003 16	49 34	3,208 43	3,208 43	cts.	Quebec.....		2,461 11	188 92							3,208 43
2,154 62	1,954 62		2,154 62	2,154 62	cts.	St. John (N.B.).....			1,994 99							2,154 62
1,563 50	1,563 50		1,563 50	1,563 50	cts.	Halifax.....			1,400 00	145 00						1,563 50
563 04	557 44	5 60	563 04	563 04	cts.	Pictou.....		450 00		100 00						563 04
2,126 54	2,120 94	5 60	2,126 54	2,126 54	cts.	Newa Scotia.....		450 00	1,400 00	245 00						2,126 54
883 15	871 15	12 00	883 15	883 15	cts.	General expenses.....		600 00								883 15
288 34	288 34		288 34	288 34	cts.	Queen's Printer.....										288 34
11,032 46	10,609 59	66 94	11,032 46	11,032 46	cts.	Grand Total.....		3,611 11	5,202 91	372 67						11,032 46

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

No. 23.—STATEMENT showing the Amount Voted, and the Expenditure Authorized, for each Service for 1876-77.

Expenditure authorized by the Department.	Over-Expended.	Under-Expended.	Service.	Vote.
\$ cts.	\$ cts.	\$ cts.		\$ cts.
173,700 95		12,099 05	.....Excise Salaries.....	185,800 00
31,405 21		13,594 79	.....Excise Contingencies.....	45,000 00
4,995 17		504 83	..... Preventive Service.....	5,500 00
30,403 35		4,766 65	.....Canals, Salaries and Contingencies.....	35,170 00
18,522 09	47 09		.....Slides and Booms' Expenditure.....	18,475 00
68,171 76		13,328 24	..... Culling Timber.....	81,500 00
2,602 61		7,397 39	.....Minor Revenues.....	10,000 00
112,785 17	185 17		.....Weights and Measures.....	112,600 00
648 64		5,351 36	.....Inspection of Staples.....	6,000 00
1,914 69		85 31	.....Commissions to Customs Officers.....	2,000 00
23,777 50		1,205 00	.....Departmental Salaries.....	24,982 50
6,657 26		4 342 74	..... do Contingencies.....	11,000 00
7,000 00			.....Minister's Salary.....	7,000 00
4,903 46		5,096 54	..... Adulteration of Food.....	10,000 00
487,487 86	232 26	67,771 90	.....Total.....	555,027 50

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



APPENDIX A.

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STATISTICS.

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## APPENDIX A.—SPIRITS.

## No. 1.—RETURN of Manufactures,

Revenue Divisions.	Quantities of Grain for distillation.	Number of Licenses issued and amount collected.	
	Lbs.	No.	Amount.
Belleville.....	1,060,775	1	\$ 250 00
Guelph .....	4,163,962	2	500 00
Perth.....	159,493	1	250 00
Prescott.....	8,070,201	1	250 00
Toronto.....	30,974,500	1	250 00
Windsor.....	24,069,364	4	1,000 00
	68,498,295	10	2,500 00
St. Catharines, Rectifier's License.....		1	250 00
		11	2,750 00

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



for the Year ended 30th June, 1877.

Proof Spirits manufactured at 90c. per Gallon.		Duty collected ex-manufactory at 90c. per Gallon.		Duty accruing on Spirits Warehoused at 90c. per Gallons.		Total duty collected ex-manufactory and on Licenses.
Gallons.	Duty.	Gallons.	Duty.	Gallons.	Duty.	
	\$ cts.		\$ cts.		\$ cts.	\$ cts.
55,021·60	49,519 43	3,819·00	3,437 09	51,202·60	46,082 34	3,687 09
209,228·24	188,305 37	69,640·58	62,676 59	139,587·66	125,628 78	63,176 59
8,115·48	7,303 88	282·51	254 27	7,832·97	7,049 61	504 27
411,323·53	370,191 15	59,736·75	53,762 88	351,586·78	316,428 27	54,012 88
1,583,450·30	1,425,105 21	159,723·13	143,750 81	1,423,727·17	1,281,354 40	144,000 81
1,279,738·35	1,151,764 49	429,021·70	386,119 26	850,716·65	765,645 23	387,119 26
3,546,877·50	3,192,189 53	722,223·67	650,000 90	2,824,653·83	2,542,188 63	652,500 90
						250 00
						652,750 90

A. BRUNEL,  
*Commissioner.*

## APPENDIX A.—Continued.—SPIRITS.

## No. 2.—COMPARATIVE STATEMENT of Spirits

Provinces.	Grain used for Distillation.						Total Quantity of Grain used for Distillation.
	Malt.	Indian Corn.	Rye.	Wheat.	Oats.	Mill Offal.	
1876.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Ontario.....	2,405,727	44,736,332	7,847,931	1,214,541	1,256,330	2,007,648	59,468,509
British Columbia.....	425	.....	885	2,310	.....	.....	3,620
							Rectifier's license.....
Totals.....	2,406,152	44,736,332	7,848,816	1,216,851	1,256,330	2,007,648	59,472,129
1877.							
Ontario.....	3,013,920	54,001,943	9,659,692	1,244,970	89,347	488,423	68,498,295
							Rectifier's license.....
Totals.....	3,013,920	54,001,943	9,659,692	1,244,970	89,347	488,423	68,498,295

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Manufactured for the Years ended 30th June, 1876 and 1877.

Number of Licenses issued and Amount collected.		Spirits manufactured at 90c per Gallon.		Duty collected on Spirits Ex-Manufactory, at 90c. per Gallon.		Duty accruing on Spirits Warehoused at 90c. per Gallon.		Total Duty collected on Spirits Ex-Manufactory and on Licenses.
No.	\$	Gallons.	Duty. \$ cts.	Gallons.	Duty. \$ cts.	Gallons.	Duty. \$ cts.	\$ cts.
10	2,375	3,111,119 04	2,800,006 91	809,790 97	728,811 53	2,301,328 07	2,071,195 38	731,186 53
1	250	226 55	203 88	226 55	203 88	.....	.....	453 88
1	250	.....	.....	.....	.....	.....	.....	250 00
12	2,875	3,111,345 59	2,800,210 79	810,017 52	729,015 41	2,301,328 07	2,071,195 38	731,890 41
10	2,500	3,546,877 50	3,192,189 53	722,223 67	650,000 90	2,824,653 83	2,542,188 63	652,500 90
1	250	.....	.....	.....	.....	.....	.....	250 00
11	2,750	3,546,877 50	3,192,189 53	722,223 67	650,000 90	2,824,653 83	2,542,188 63	652,750 90

A. BRUNEL,  
Commissioner.

APPENDIX A—Continued.—SPIRITS.

DR.

NO. 3.—SPIRIT WAREHOUSE RETURN

Spirits remaining in Warehouse from last year.	Spirits placed in Warehouse.	Spirits Re-Warehoused.	Spirits received from other Divisions.	Totals.	Revenue Divisions.
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	
2,627-25			8,318-52	10,945-77	Algoma .....
33,495-75	51,202-60		8,119-56	92,817-91	Belleville.....
2,508-04			12,530-34	15,038-38	Cobourg.....
1,388-29			8,023-76	9,412-05	Collingwood.....
			3,602-38	3,602-38	Cornwall.....
4,536-13			30,330-52	34,866-65	Goderich.....
46,187-54	139,587-66		132-89	185,908-09	Guelph.....
34,998-77		86-11	175,963-90	211,048-78	Hamilton.....
14,156-02		330-62	85,372-60	99,859-24	Kingston.....
6,367-61			54,012-58	60,380-19	London.....
29,270-47			106,153-25	135,423-72	Ottawa.....
4,599-42			51,073-92	55,673-34	Paris.....
16,639-00	7,832-97		11,395-67	35,867-64	Perth.....
1,557-26			23,526-64	25,083-90	Peterborough.....
103,108-22	351,586-78		8,023-06	462,718-06	Prescott.....
3,174-58			9,677-27	12,851-85	Sarnia.....
4,613-50			36-341-40	40,954-90	St. Catharines.....
402,524-19	1,423,727-17	56-27	132,307-22	1,958,614-85	Toronto.....
358,715-93	850,716-65	111-80	571-69	1,210,116-07	Windsor.....
115,559-41			867,682-41	983,241-82	Montreal.....
20,377-20			237,600-91	257,978-11	Quebec.....
216-50			10,638-07	10,854-57	Sherbrooke.....
1,027-94			23,840-98	24,868-92	St. Hyacinthe.....
			11,439-27	11,439-27	St. Johns.....
62-78			23,432-30	23,495-08	Three Rivers.....
1,187-66			1,099-33	2,286-99	Miramichi, N.B.....
47,432-10			111,221-35	158,653-45	St. John, N.B.....
124-94				124-94	Cape Breton, N.S.....
11,619-74			68,079-52	79,699-26	Halifax, N.S.....
267-03			464-60	731-63	Pictou, N.S.....
			259-83	259-83	Yarmouth, N.S.....
801-71			16,924-08	17,725-79	Charlottetown, P.E.I.....
			139-26	139-26	Summerside, P.E.I.....
5,112-98			12,146-54	17,259-52	Manitoba.....
2,528-05			5,901-89	8,429-94	British Columbia.....
			8-612-54	8,612-54	Suspense.....
1,276,786-01	2,824,653-83	584-80	2,164,960-05	6,266,984-69	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

for the Year ended 30th June, 1877.

CR.

Spirits Entered for Consumption at 90c. per Gallon.		Spirits removed to other Divisions.	Spirits Exported.	Spirits used in Bonded Factories, &c.	Spirits remaining in Warehouse.	Totals.
Gallons.	Duty. \$ cts.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
8,224·22	7,401 81				2,721 55	10,945·77
39,527·55	35,574 84	29,416·04			23,874·32	92,817·91
12,601·00	11,340 97				2,437·38	15,038 38
7,934·01	7,140 60				1,478·04	9,412·05
3,113·58	2,802 23				488·80	3,602·38
31,092·84	27,983 58				3,773·81	34,866·65
55,519·12	49,967 94	85,687·87			44,701·10	185,908·09
49,646·91	44,682 34	312·75		116,728·01	44,361·11	211,048·78
73,627·07	66,264 41	6,600·43		5,021·37	14,610·37	99,859·24
54,553·37	49,097 95				5,826·82	60,380·19
112,262·21	101,032 00				23,161·51	135,423·72
46,037·75	41,433 03	258·94	71·19		9,305·46	55,673·34
14,617·40	13,155 78	77·32			21,172·92	35,867·64
21,873·80	19,686 37				3,210·10	25,083·90
31,716·38	28,544 73	359,340·17	27·15		71,634·36	462,718·06
11,003·16	9,902 94		107 55		1,741·14	12,851·85
35,403·21	31,863 08	185·40	124·88		5,241·41	40,954·90
189,018·55	170,116 86	885,093·07	127,322·70	43,274·41	713,906·12	1,958,614·85
199,876·42	179,888 69	734,239·23	43,677·79	1,923·63	230,399·00	1,210,116·07
763,348·58	687,014 63	60,157·78	345·74	9,140·40	150,249·32	983,241·82
230,016·21	207,014 68				27,961·90	257,978·11
9,862·09	8,875 86				992·48	10,854·57
22,053·62	19,848 26			148 83	2,666·47	24,868 92
9,480·70	8,532 65				1,958·57	11,439 27
19,084·32	17,176 02				4,410·76	23,495 08
1,957·26	1,761 53				329·73	2,286·99
79,578·79	71,622 57	2,565·31		15,291·84	61,217·51	158,653·45
124·94	112 38					124·94
57,795·54	52,016 04	1,025·74	2,317·57	2,548·80	16,011·61	79,699·26
390·80	351 72				340·83	731·63
193·10	173 80				66·73	259 83
15,489·63	13,940 66		60·45	58 98	2,116·73	17,725·79
69·11	62 20				70·15	139·26
9,908·95	8,918 15				7,350 57	17,259·52
3,110·67	2,799 63				5,319·27	8,429·94
					8,612·54	8,612·54
2,220,112·86	1,998,100 93	2,164,960·05	174,055·02	*194,136·27	1,513,720·49	6,266,984 69

\*193,928·46 used in Bonded Factories.  
207·81 Spirits written off.

194,136·27

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—SPIRITS.

No. 4.—COMPARATIVE STATEMENT of Spirit Warehouse

Spirits remaining in Warehouse from last Year.	Spirits placed in Warehouse.	Spirits Re-Warehoused.	Spirits received from other Divisions.	Totals.	Provinces.
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	
					1876.
1,542,093.13	2,301,328.07	49.96	710,031.19	4,553,502.35	..... Ontario .....
227,115.78	.....	.....	996,915.11	1,224,030.89	..... Quebec .....
59,801.81	.....	.....	98,630.03	158,431.84	..... New Brunswick.....
20,863.20	.....	31.88	46,319.60	67,214.68	..... Nova Scotia.....
12,559.00	.....	.....	4,334.46	16,893.46	..... Prince Edward Island.....
5,730.87	.....	.....	12,446.67	18,177.44	..... Manitoba.....
5,165.16	.....	.....	338.99	5,504.15	..... British Columbia.....
1,873,328.95	2,301,328.07	81.84	1,869,015.95	6,043,754.81	
					1877.
1,070,467.97	2,824,653.83	584.80	774,089.71	4,669,796.31	..... Ontario.....
137,243.83	.....	.....	1,174,633.94	1,311,877.77	..... Quebec.....
48,619.76	.....	.....	112,320.68	160,940.44	..... New Brunswick.....
12,011.71	.....	.....	68,803.95	80,815.66	..... Nova Scotia.....
801.71	.....	.....	17,063.34	17,865.05	..... Prince Edward Island.....
5,112.98	.....	.....	12,146.54	17,259.52	..... Manitoba.....
2,528.05	.....	.....	5,901.89	8,429.94	..... British Columbia.....
1,276,786.01	2,824,653.83	584.80	2,164,960.05	6,266,984.69	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Returns for the Years ended 30th June, 1876 and 1877.

Spirits entered for consumption at 90 cents per Oallon.		Spirits removed to other Divisions.	Spirits Exported.	Spirits used in Bonded Factories, &c.	Spirits remaining in Warehouse.	Totals.
Gallons.	Duty. \$ cts.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
1,439,080·48	1,295,177 78	1,804,507·50	81,215·84	158,230·56	1,070,467·97	4,553,502·35
1,017,189·48	915,469 55	60,129·85	818·94	8,648·79	137,243·83	1,224,030·89
92,627·71	83,366 07	1,679·10	.....	15 505·27	48,619·76	158,431·84
52,240·40	47,016 39	537·29	1,083·85	1,341·43	12,011·71	67,214·88
13,929·54	12,536 46	2,162·21	.....	.....	801·71	16,893 46
13,064·46	11,758 15	.....	.....	.....	5,112·98	18,177·44
2,976·10	2,678 62	.....	.....	.....	2,528·05	5,504·15
2,631,108·17	2,368,003 02	1,869,015·95	83,118·63 less...	183,726·05 1,466·04	1,276,786·01 written off.	6,043,754·81
				182,260·01	used in B. F.	
997,648·55	897,880 15	2,101,211·22	171,331·26	166,947·42	1,232,657·86	4,669,796·31
1,053,845·52	948,462 10	60,157·78	345·74	9,289·23	188,239·50	1,311,877 77
81,536 05	73,384 10	2,565·31	.....	15,291·84	61,547·24	160,940·44
58,504·38	52,653 94	1,025·74	2,317·57	2,548·80	16,419 17	80,815·66
15,558·74	14,002 86	.....	60·45	58·98	2,186 88	17,865·05
8,908·95	8,918 15	.....	.....	.....	7,350·57	17,259·52
3,110·67	2,799 63	.....	.....	.....	5,319·27	8,429·94
2,220,112·86	1,998,100 93	2,164,960·05	174,055·02 less...	194,136·27 207·81	1,513,720·49 written off.	6,266,984·69
				193·928 46	used in B. F.	

Total Duties collected Ex-Manufactory and Ex-Warehouse.....	1876. \$3,097,018 43	1877. \$2,648,101 83
Collected on Licenses .....	2,875 00	2,750 00
	<u>\$3,099,893 43</u>	<u>\$2,650,851 83</u>

A. BRUNEL,  
Commissoner.

APPENDIX A.—Continued.—MALT.

No. 5.—RETURN of Malt manufactured for the Year ended 30th June, 1877.

Revenue Divisions.	No. of Malsters.	License Fees.		Barley used.		Other Grain.		Malt.		Entered for ex-manufactory.	Warehoused.	Total Duty collected ex-manufactory and on License.
		\$		M. cubic in.		M. cubic in.		M. cubic in.	Lbs.			
Belleville.....	3	600	18,272	.....	.....	23,095	332,110	205,726	126,384	3,259 79		
Cobourg.....	3	550	33,827	.....	.....	36,884	608,780	296,074	312,706	3,937 77		
Collingwood.....	1	150	372	.....	.....	405	6,449	.....	6,449	150 00		
Goderich.....	6	850	21,666	.....	.....	23,915	382,681	51,175	331,506	1,509 21		
Guelph.....	13	2,600	306,685	.....	.....	337,573	5,369,499	420,028	4,949,471	8,683 64		
Hamilton.....	5	900	175,728	.....	.....	202,553	2,999,104	5,058	2,994,046	978 44		
Kingston.....	4	700	53,918	.....	.....	63,431	924,146	14,758	909,388	777 62		
London.....	3	600	251,267	.....	.....	272,751	4,152,536	17,762	4,134,774	4,243 26		
Ottawa.....	1	200	20,904	.....	.....	23,719	353,509	307,949	45,560	248 60		
Paris.....	1	200	6,755	.....	.....	5,827	93,223	4,650	88,573	536 97		
Perth.....	2	350	11,038	.....	.....	12,701	203,790	15,501	188,289	200 00		
Peterborough.....	2	200	11,108	.....	.....	14,642	195,309	.....	195,309	5,726 55		
Prescott.....	4	800	103,136	.....	.....	115,707	1,743,908	473,901	1,270,007	1,137 76		
Sarnia.....	1	200	6,243	.....	.....	6,413	98,320	65,371	32,849	4,937 05		
St. Catharines.....	3	550	44,950	.....	.....	49,576	788,232	315,207	473,025	24,046 92		
Toronto.....	15	2,900	468,159	.....	.....	527,355	8,200,394	1,616,650	6,583,744	5,129 92		
Windsor.....	3	600	224,890	.....	.....	282,676	3,770,365	329,831	3,440,534	66,383 02		
<b>Ontario, Total</b> .....	<b>71</b>	<b>12,950</b>	<b>1,757,928</b>	.....	.....	<b>1,999,203</b>	<b>30,222,355</b>	<b>4,139,641</b>	<b>26,082,714</b>	<b>45,094 32</b>	<b>200 00</b>	<b>676 84</b>
Beauharnois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montreal.....	8	1,600	343,857	.....	.....	369,002	6,060,098	2,910,538	3,149,560	200 00	.....	.....
Quebec.....	1	200	27,419	.....	.....	30,412	447,744	.....	447,744	.....	.....	.....
St. Johns, Iberville.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sherbrooke.....	1	200	20,985	.....	.....	22,826	369,800	.....	369,800	.....	.....	.....
St. Hyacinthe.....	1	100	2,272	.....	.....	3,438	39,253	.....	39,253	.....	.....	.....
Terrebonne.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Quebec, Total</b> .....	<b>11</b>	<b>2,100</b>	<b>394,533</b>	.....	.....	<b>425,678</b>	<b>6,916,895</b>	<b>2,949,791</b>	<b>3,967,104</b>	<b>46,170 86</b>	.....	.....



	1	200	15,665	16,672	269,295	133,639	135,657	2,298 23
St. John, N.B.....								
Halifax, N.S.....	3	500	49,769	56,291	863,006	863,006		13,858 70
Charlottetown, P.E.I.....	3	500	16,485	17,578	285,568	260,634	24,924	4,299 89
Winnipeg, Man.....	2	350	3,684	4,516	68,948	68,948		1,432 39
Victoria, B.C.....	5	750	23,604	28,365	429,436	294,992	134,444	4,980 55
Totals.....	96	17,350	2,261,688	2,548,333	38,055,493	8,710,650	30,344,843	139,413 64

A BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.—MALT.

No. 6.—COMPARATIVE STATEMENT of Malt manufactured for the Years ended 30th June, 1876 and 1877.

Provinces.	No. of Licenses.	License Fees.	Barley used.	Other Grain.	Total Grainused		Malt Manufactured.		Entered for Duty Ex- Manufac- tory.	Malt Warehouse.	Total Duty Collected Ex-Manufac- tory and on Licenses.
					M. cub. in.	M. cub. in.	M. cub. in.	Lbs.			
1876.											
Ontario.....	86	15,725	2,135,847	575	2,136,422	2,517,542	39,767,496	6,438,401	33,329,095	80,109 01	
Quebec.....	13	2,350	568,776	.....	568,776	612,225	10,183,980	4,201,848	5,982,132	44,368 48	
New Brunswick.....	2	300	26,141	.....	26,141	27,375	423,959	292,380	131,579	3,223 80	
Nova Scotia.....	4	800	32,602	.....	32,602	35,723	518,375	548,375	.....	6,283 75	
Prince Edward Island.....	3	600	16,501	.....	16,501	17,436	275,666	257,978	17,688	3,179 78	
Manitoba.....	1	200	2,200	.....	2,200	43,046	.....	43,046	.....	630 46	
British Columbia.....	5	800	29,099	.....	29,099	33,580	505,096	315,830	189,266	3,958 30	
	114	20,775	2,811,166	575	2,811,741	3,246,264	51,747,618	12,097,858	39,649,760	141,753 58	
1877.											
Ontario.....	71	12,950	1,757,928	.....	1,757,928	1,999,203	30,232,355	4,139,641	26,082,714	66,383 02	
Quebec.....	11	2,100	394,533	.....	394,533	425,678	6,916,895	2,949,791	3,967,104	46,170 86	
New Brunswick.....	1	200	15,665	.....	15,665	16,672	269,295	133,638	135,657	2,298 23	
Nova Scotia.....	3	500	49,769	.....	49,769	56,291	863,006	863,006	.....	13,638 70	
Prince Edward Island.....	2	500	16,485	.....	16,485	17,578	285,558	260,634	24,924	4,289 89	
Manitoba.....	3	350	3,684	.....	3,684	4,546	68,948	68,948	.....	1,432 39	
British Columbia.....	5	750	23,604	.....	23,604	26,365	429,436	294,992	134,444	4,980 55	
	96	17,350	2,261,668	.....	2,261,668	2,546,333	39,055,493	8,710,650	30,344,843	139,413 64	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—MALT.

No. 7.—MALT WAREHOUSE RETURN for the Year ended 30th June, 1877.

Remaining in warehouse last year.	Placed in Warehouse.	Re-Warehoused and increases.	Placed in Warehouse from other Divisions	Totals.	Revenue Divisions.		Ex - Warehouse for Duty 1 and 2 cts. per lb.		Ex - Warehouse to be Re-warehoused elsewhere.	Ex - Warehouse for Exportation.	Malt free of duty.	Remaining in Warehouse.	Totals.
					Lbs.	Lbs.	Lbs.	\$ cts.					
63,776	136,384	4,286	194,446	194,446	Belleville	92,215	1,208 53	102,231	194,446	Nil.	Nil.	102,231	194,446
120,111	312,706	432,817	432,817	432,817	Cobourg	314,504	4,287 82	118,313	432,817	.....	.....	118,313	432,817
18,487	6,449	24,936	24,936	24,936	Collingwood	24,936	249 36	.....	24,936	.....	.....	.....	24,936
328,378	331,506	2,847	662,731	662,731	Goderich	419,892	6,094 95	212,839	662,731	.....	.....	212,839	662,731
1,622,976	4,949,471	83,138	6,655,585	6,655,585	Guelph	2,071,271	25,995 70	2,120,746	6,655,585	.....	.....	2,120,746	6,655,585
2,037,058	2,994,046	48,456	5,079,560	5,079,560	Hamilton	1,228,431	15,521 87	1,456,228	5,079,560	.....	.....	1,456,228	5,079,560
678,692	909,388	3,600	1,591,680	1,591,680	Kingston	285,617	4,113 24	941,121	1,591,680	.....	.....	941,121	1,591,680
2,625,445	4,134,774	50,270	6,810,489	6,810,489	London	3,483,452	35,498 99	1,902,286	6,810,489	.....	.....	1,902,286	6,810,489
Nil.	45,560	10,265	55,825	55,825	Ottawa	14,002	280 04	41,823	55,825	.....	.....	41,823	55,825
487,374	88,573	23,498	599,445	599,445	Paris	357,513	4,692 88	241,932	599,445	.....	.....	241,932	599,445
415,102	188,289	1,872	605,263	605,263	Perth	43,327	597 10	561,936	605,263	.....	.....	561,936	605,263
150,288	195,309	.....	345,597	345,597	Peterborough	251,944	3,289 61	93,653	345,597	.....	.....	93,653	345,597
352,462	1,270,007	10,059	1,632,528	1,632,528	Prescott	647,279	8,673 72	262,529	1,632,528	.....	.....	262,529	1,632,528
435,953	473,025	243	909,221	909,221	St. Catharines	435,835	5,108 55	362,673	909,221	.....	.....	362,673	909,221
23,823	32,949	.....	56,772	56,772	Sarnia	51,689	697 89	5,083	56,772	.....	.....	5,083	56,772
4,986,061	6,583,744	13,066	11,989,603	11,989,603	Toronto	4,463,464	57,261 15	4,962,421	11,989,603	.....	.....	4,962,421	11,989,603

APPENDIX A.—Continued.—MALT.

No. 7.—MALT WAREHOUSE RETURN for the Year ended 30th June, 1877.—Continued.

Remaining in Warehouse from last year.	Placed in Warehouse.	Re-Warehoused and Increases.	Placed in Warehouse from other Divisions	Totals.	Revenue Divisions.		Ex-Warehouse for Duty 1 and 2 cts. per lb.		Ex - Warehouse to be Re-warehoused elsewhere.	Ex - Warehouse for Exportation.	Malt free of duty.	Remaining in Warehouse.	Totals.
					Lbs.	Lbs.	Lbs.	\$ cts.					
1,304,980	3,440,534	8,623		4,754,137	Windsor.....	363,121	5,775 50	332,011	2,528,537			1,530,468	4,754,137
2,786,085	3,149,560		3,600	3,600	Beauharnois.....	3,600	36 00						3,600
113,859	447,714		3,510	5,949,155	Montreal.....	3,590,106	45,088 29	3,600	124,939			2,230,510	5,949,155
140,461	389,800		176,489	738,092	Quebec.....	610,655	8,428 12					127,437	738,092
98,958	135,657			510,261	Sherbrooke.....	352,065	4,501 00					158,196	510,261
84,400			71,970	306,585	St. John, N.B.....	146,928	2,022 27					159,657	306,585
10,364	24,924		699,321	783,721	Halifax, N.S.....	701,200	8,146 00					82,521	783,721
24,220				35,288	Charlottetown, P.E.I.....	2,000	20 00		8,364			24,924	35,288
115,996	134,444			24,220	Winnipeg, Man.....	24,220	242 20						24,220
				250,440	Victoria, B.C.....	158,635	2,012 74					91,805	250,440
19,015,209	30,344,843	216,702	1,425,143	51,001,997	... Totals.....	20,167,901	249,843 52	1,425,143	11,614,711	2,910	17,791,332	51,001,997	

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A—Continued.—MALT.  
No. 8.—COMPARATIVE STATEMENT of Malt Warehouse Returns for the Years ended 30th June, 1876 and 1877.

Remaining in Warehouse from Last Year.	Placed in Warehouse.		Re-Warehoused and increased.	Placed in Warehouse from other Divisions.		Totals.	Province.		Ex-Warehouse for Duty 1 cent and 2 cents per lb.		Ex-Warehouse to be Re-warehoused elsewhere.	Ex-Warehouse for Exportation.	Malt free of Duty and destroyed by fire.	Remaining in Warehouse.	Totals.
	Lbs.	Lbs.		Lbs.	Lbs.		Lbs.	\$ cts.	Lbs.	Lbs.					
6,960,366	33,329,095	128,767	600,401	41,018,629	1876.	13,824,714	138,247 14	1,443,499	10,116,178	3,272	15,630,966	41,018,629	3,050,405	6,853,176	41,018,629
579,935	5,984,132	291,108	291,108	6,853,176	Ontario.....	3,721,019	37,210 19	70,633	7,200	3,918	3,050,405	6,853,176	98,958	369,293	6,853,176
203,971	131,579	33,743	33,743	369,293	Quebec.....	270,336	2,703 35	.....	.....	.....	98,958	369,293	84,400	623,433	369,293
68,773	17,888	564,660	564,660	633,433	New Brunswick.....	549,033	5,490 33	.....	.....	.....	84,400	623,433	10,361	32,608	623,433
14,920	17,888	24,220	24,220	32,608	Nova Scotia.....	22,241	222 44	.....	.....	.....	10,361	32,608	.....	24,220	32,608
134,974	189,266	24,220	24,220	24,220	P. E. Island.....	208,244	2,082 44	.....	.....	.....	.....	24,220	.....	115,996	24,220
7,962,939	39,649,760	128,767	1,514,132	49,255,998	Manitoba.....	18,595,989	185,955 89	1,514,132	10,123,378	7,190	19,015,309	49,255,998	14,916,282	42,400,635	49,255,998
15,630,966	26,082,714	216,702	470,253	42,400,635	British Columbia.....	14,578,492	179,316 90	1,421,543	11,481,408	2,910	14,916,282	42,400,635	2,516,143	7,201,108	42,400,635
3,050,405	3,967,104	.....	183,599	7,201,108	Ontario.....	4,556,426	58,053 41	3,600	124,939	.....	2,516,143	7,201,108	159,657	306,585	7,201,108
98,958	135,657	.....	71,970	306,585	Quebec.....	146,928	2,022 27	.....	.....	.....	159,657	306,585	82,621	783,721	306,585
84,400	.....	.....	699,321	783,721	New Brunswick.....	701,200	8,146 00	.....	.....	.....	82,621	783,721	.....	24,924	783,721
10,361	24,924	.....	.....	35,288	Nova Scotia.....	2,000	242 20	.....	.....	.....	.....	24,924	.....	35,288	35,288
10,361	24,924	.....	.....	24,220	P. E. Island.....	24,220	242 20	.....	.....	.....	.....	24,220	.....	91,805	24,220
115,996	134,444	.....	.....	250,440	Manitoba.....	156,635	2,012 74	.....	.....	.....	.....	250,440	.....	250,440	250,440
19,015,309	30,344,843	216,702	1,425,143	51,001,997	British Columbia.....	20,167,901	249,843 52	1,425,143	11,614,711	2,910	17,791,332	51,001,997	17,791,332	51,001,997	51,001,997

1876.—Total Duty collected on Malt Ex-Warehouse and Ex-Manufactory .....	\$306,934 47
Total Duty collected on Licenses.....	20,775 00
<b>327,709 47</b>	
1877.—Total Duty collected on Malt Ex-Warehouse and Ex-Manufactory .....	371,907 16
Total Duty collected on Licenses .....	17,350 00
<b>389,257 16</b>	

INLAND REVENUE DEPARTMENT,  
OTTAWA, July 31st, 1877.

A. BRUNEL, Commissioner.

## APPENDIX A.—Continued.—MALT LIQUOR.

No. 9.—RETURN of Malt Liquor manufactured for the Year ended 30th June, 1877.

Revenue Division.	Number of Licenses issued.	License Fees.	Total Quantity of Malt used for Brewing.	Malt Liquor.	Malt Liquor Exported.
		\$	Lbs.	Imp. Galls.	Imp. Galls.
Belleville .....	4	200	332,046	99,980	.....
Cobourg .....	4	200	617,590	201,019	.....
Collingwood .....	2	100	29,796	8,650	.....
Goderich .....	13	650	813,153	298,767	.....
Guelph .....	16	800	2,127,140	721,137	.....
Hamilton .....	6	300	1,251,599	472,429	.....
Kingston .....	6	300	457,949	143,734	.....
London .....	9	450	2,644,658	805,033	5,361
Ottawa .....	5	250	380,583	137,797	.....
Paris .....	6	300	411,177	134,200	.....
Perth .....	3	100	69,404	16,265	.....
Peterborough .....	3	150	249,977	81,280	.....
Prescott .....	3	150	1,189,495	391,270	.....
Sarnia .....	1	50	119,778	45,401	.....
St. Catharines .....	4	200	764,576	255,389	.....
Toronto .....	15	750	4,870,617	1,755,923	460
Windsor .....	8	375	205,633	69,832	.....
<b>Total Ontario .....</b>	<b>108</b>	<b>5,325</b>	<b>16,525,171</b>	<b>5,628,106</b>	<b>5,821</b>
Beauharnois .....	1	50	10,800	4,500	.....
Montreal .....	12	575	6,893,607	2,261,167	.....
Quebec .....	2	100	635,237	227,540	.....
Sherbrooke .....	1	50	352,065	117,625	.....
St. Hyacinthe .....	2	100	60,684	17,600	.....
St. John's .....	2	100	30,534	9,486	.....
Terrebonne .....	1	50	19,391	6,580	.....
<b>Total Quebec .....</b>	<b>21</b>	<b>1,025</b>	<b>8,002,318</b>	<b>2,644,498</b>	.....
St. John, N.B. ....	3	150	415,268	131,035	.....
Halifax, N.S. ....	5	250	1,646,244	464,789	196,391
Charlottetown, P.E.I. ....	3	125	278,846	80,749	.....
Winnipeg, M. ....	4	175	84,093	30,539	.....
Victoria, B.C. ....	10*	475	519,857	135,542	1,404
Less paid 1875-76. ....	154	7,525	.....	.....	.....
	1	50	.....	.....	.....
<b>Totals .....</b>	<b>153</b>	<b>7,475</b>	<b>27,471,797</b>	<b>9,115,258</b>	<b>203,616†</b>

\* Includes 2 Licenses for 1877-78.

† Of this quantity exported 137,008 was used by Her Majesty's Army and Navy.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

A. BRUNEL,  
Commissioner.

## APPENDIX A.—Continued.—MALT LIQUOR.

No. 10.—COMPARATIVE STATEMENT of Malt Liquor manufactured for the Years ended 30th June, 1876 and 1877.

Provinces.	No. of Licenses issued.	License Fees.	Total Quantity of Malt used for Brewing.	Sugar, Syrup and Other Matter.	Total Quantity of Malt Liquor manufactured.	Total Quantity of Malt Liquor exported.	Duty collected on Malt Liquor at 3·9 cents per Gallon.
1876.							
		\$	Lbs.	Lbs.	Imp. Galls.	Imp. Galls.	\$ cts.
Ontario .....	116	5,725	17,361,040	2,300 Cornmeal	5,872,411	15,227	.....
Quebec.....	22	1,050	7,797,917	{ 1,120 Sugar... 65,140 Glucose }	2,646,388	.....	6,363 28
New Brunswick...	3	150	408,016	.....	124,425	.....	.....
Nova Scotia.....	5	250	1,439,673	.....	406,689	59,597	.....
Prince Ed. Island.	3	150	297,492	.....	87,460	2,437	.....
Manitoba.....	3	150	104,066	.....	41,285	.....	.....
British Columbia.	9	450	572,052	.....	140,532	504	.....
Less paid 1874-75	161	7,925	27,980,256	68,560	9,319,190	77,765	6,363 28
	2	100					
	159	7,825					
1877.							
Ontario .....	108	5,325	16,525,171	.....	5,628,106	5,821	.....
Quebec.....	21	1,025	8,002,318	.....	2,644,498	.....	.....
New Brunswick...	3	150	415,268	.....	131,035	.....	.....
Nova Scotia.....	5	250	1,646,244	.....	464,789	196,391	.....
Prince Ed. Island.	3	125	278,846	.....	80,749	.....	.....
Manitoba.....	4	175	84,093	.....	30,539	.....	.....
*British Columbia.	10	475	519,857	.....	135,542	1,404	.....
Less paid 1875-76	154	7,525	27,471,797	.....	9,115,258	203,616	.....
	1	50					
	153	7,475					

\* Includes two Licenses for 1877-78.

A. BRUNEL,  
Commissioner.INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.—TOBACCO.

No. 11.—RETURN of Manufactures

Inland Revenue Divisions.	Quantity of Materials used.				Licenses.		Tobacco.		
	Production of Canada.	Foreign Produce.	Other Commodities.	Total Weight of all Materials used.	Number.	Amount.	At 20c. per lb.	At 10c. per lb.	Duty.
Ontario.	Lbs.	Lbs.	Lbs.	Lbs.		\$	Lbs.	Lbs.	\$ cts.
Belleville.....		4,292		4,292	3	150			
Goderich.....		503		503	1	50			
Guelpb.....		64,701	2,431	67,132	5	250	41,554		8,310 80
Hamilton.....		992,844	65,604	1,058,448	9	450	775,231		155,046 20
Kingston.....		13,143	5	13,148	3	125	2,537		507 40
London.....		93,427		93,427	11	525	182		36 40
Paris.....		247,349	12,733	260,082	10	475	171,748		34,349 60
Prescott.....		5,286		5,286	1	50	350		70 00
St. Catharines.....		13,312		13,312	5	250			
Toronto.....		379,902	18,061	397,963	16	800	222,253½		44,450 70
Windsor.....	4	133,613	14,796	148,413	2	100	106,532		21,306 40
	4	1,948,372	113,630	2,062,006	66	3,225	1,320,387½		264,077 50
Quebec.									
Montreal.....	17249	6,192,308	1,626,576	7,836,133	25	1,150	5,985,411½	8,760	1,197,958 30
Quebec.....		594,941	15,789	610,730	4	200	441,197½		88,239 50
	17249	6,787,249	1,642,365	8,446,863	29	1,350	6,426,609	8,760	1,286,197 80
Nova Scotia.									
Halifax.....		680,636	136,797	817,433	3	125	693,642½		138,728 50
Pictou.....		58,714	4,379	63,093	3	150	62,822½		12,564 50
Yarmouth.....		385		385	1	25			
		739,735	141,176	880,911	7	300	756,465		151,293 00
Princ Edward Island.									
Charlottetown.....		102,105	3,698	105,803	2	100	93,309		18,661 80
Summerside.....		5,225	425	5,650	1	.....	5,299		1,059 80
		107,330	4,123	111,453	3	100	98,608		19,721 60
British Columbia.....		4,760		4,760	5	†250			
Total.....	17253	9,587,446	1 901,294	11,505,993	110	5,225	8,602,069½	8,760	1,721,289 90

\*1 for 1877-78.

†Paid last year.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



for the Year ended 30th June, 1877.

Cigars.		Snuff.		Weight entered for Consumption Ex-Manufactory, and Duty collected thereon, including License Fees.		Weight entered for Warehouse, and Duty accruing thereon.		Total Weight Manufactured, and Duty accruing.	
At 40c. per lb.	Duty.	At 20c. per lb.	Duty.	Weight.	Duty.	Weight.	Duty.	Weight.	Duty.
Lbs.	\$ cts.	Lbs.	\$ cts.	Lbs.	\$ cts.	Lbs.	\$ cts.	Lbs.	\$ cts.
2164.75	865 90			2164.75	1,015 90			2164.75	1015 90
167.00	66 80			167.00	116 80			167.00	116 80
14315.00	5726 00			21451.00	7,403 20	34418.00	6883 60	55869.00	14286 80
20170.50	8068 20			24504.50	9,021 20	770897.00	154543 20	795401.50	163564 40
3527.00	1410 80			3527.00	1,535 80		2537.00	6064.00	2043 20
38027.75	15211 10			22417.75	9,455 70	15792.00	6316 80	38209.75	15772 50
23141.90	9256 76			18502.50	7,867 60	176387.40	36214 36	194889.90	44081 36
2942.00	1176 80			3292.00	1,296 80				3292.00
7908.00	3163 20			7908.00	3,413 20				7908.00
65367.30	26146 92			105598.50	31,167 40	182022.30	40230 22	287620.80	71397 62
18028.74	7211 49			77842.55	18,522 21	46718.19	10095 68	124560.74	28617 89
185759.94	78303 97			287375.55	90,815 21	1228771.89	254791 26	1516147.44	345606 47
119947.50	47979 00	12474	2494 80	376910.00	89,648 70	5749683.00	1159933 40	6126593.00	1249582 10
		50246	10049 30	299028.00	60,005 60	192416.00	38483 20	491444.00	98488 80
119947.50	47979 00	62720	12544 10	675938.00	149,654 30	5942099.00	1198416 60	6618037.00	1348070 90
				41098.00	8,344 60	652544.50	130508 90	693642.50	138853 50
209.00	83 60			209.00	150 00	62822.50	12564 50	62822.50	12714 50
209.00	83 60			209.00	108 60			209.00	108 60
				41307.00	8,603 20	715367.00	143073 40	756674.00	151676 60
				63725.00	12,845 00	29584.00	5916 80	93309.00	18761 80
				5299.00	1,059 80			5299.00	1059 80
				69024.00	13,904 80	29584.00	5916 80	98608.00	19821 60
2143.75	857 50			2143.75	1,107 50			2143.75	1107 50
318060.19	127224 07	62720	12544 10	1075788.30	264,085 01	7915821.89	1602198 06	8991610.19	1866283 07

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—TOBACCO.

No. 12.—COMPARATIVE STATEMENT of Manufactures for the Years ended 30th June, 1876 and 1877.

Materials used.	1876.						1877.					
	Ontario.	Quebec.	New Brunswick.	Nova Scotia.	Prince Edward Is-land.	British Columbia.	Ontario.	Quebec.	New Brunswick.	Nova Scotia.	Prince Edward Is-land.	British Columbia.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Canadian Tobacco....	984	6,748	.....	.....	.....	.....	4	17,249	.....	.....	.....	.....
Foreign do ....	1,932,103	5,476,131	10,335	662,317	110,934	7,676	1,948,372	6,787,249	.....	739,735	107,330	4,760
Other commodities....	113,175	1,010,081	440	125,930	4,838	.....	113,630	1,642,365	.....	141,176	4,123	.....
	2,046,262	6,492,960	10,775	788,247	115,772	7,676	2,062,006	8,446,863	.....	880,911	111,453	4,760

APPENDIX A.—Continued.—TOBACCO.

No. 12.—COMPARATIVE STATEMENT of Manufactures for the Years ended 30th June, 1876 and 1877.

Produce.	1876.						1877.							
	Ontario.	Quebec.	New Brunswick.	Nova Scotia.	Prince Edward Is-land.	British Columbia.	Duty.	Ontario.	Quebec.	New Brunswick.	Nova Scotia.	Prince Edward Is-land.	British Columbia.	Duty.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$
Tobacco @ 20c.	1,227,470½	4,804,221½	8,065	626,953½	101,363½	.....	1,353,612 70	1,320,387½	6,426,609	Nil.	756,465	98,608	.....	1,720,413 90
do @ 40c.	35	5,715	.....	.....	.....	.....	575 00	.....	8,760	.....	.....	.....	.....	876 00
				Total Tobacco	.....	.....	1,354,187 70	Total Tobacco	.....	.....	.....	.....	.....	1,721,289 90
Cigars @ 40c.	221,969½	119,308½	.....	.....	3,089½	.....	137,747 24	195,759²⁴	119,947½	.....	209	.....	2,143½	127,224 07
Snuff @ 20c.	.....	54,056	.....	.....	.....	.....	10,051 20	.....	62,720½	.....	.....	.....	.....	12,544 10
Licenses .....	No. 73	No. 24	No. 1	No. 5	No. 4	No. 4	5,450 00	No. 66	No. 29	No. 7	No. 3	No. 4	No. 4	5,225 00
				Total Duty	.....	.....	1,507,436 14	Total Duty	.....	.....	.....	.....	.....	1,866,283 07
				Duty collected ex-manufactory, with Licenses.....	.....	.....	311,059 09	Duty collected ex-manufactory, with Licenses .....	.....	.....	.....	.....	.....	264,085 01
				Duty accruing on goods Warehoused.....	.....	.....	1,196,377 05	Duty accruing on goods Warehoused.....	.....	.....	.....	.....	.....	1,602,198 06
							1,507,436 14							1,866,283 07

A. BRUNEL, Commissioner.

INLAND REVENUE DEPARTMENT, OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.—TOBACCO WAREHOUSE ACCOUNT.

DR.

No. 13.—RETURN for the

Remaining in Warehouse from last year.			Placed in Warehouse.		Placed in Warehouse from other Divisions.		Total Weights to be accounted for.			Inland Revenue Divisions.
Tobacco.	Cigars.	Snuff.	Tobacco.	Cigars.	Tobacco.	Cigars.	Tobacco.	Cigars.	Snuff.	
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
3617					11065½		14682½			Algoma.....
21549½					37208		58757½			Belleville.....
984					2674½		3658½			Coburg.....
										Collingwood.....
										Cornwall.....
4076					28250		32326			Goderich.....
25077½			34418	1819	83210½		142706			Hamelph.....
107243	369		769078		526453½		1402774½	2188		Hamilton.....
18032	129½		2537		318324		338893	129½		Kingston.....
42949	2045			15792	286293		329242	17837		London.....
66910					201466		268376			Ottawa.....
45549½	749½		171703	4684½	131834½		349087	5433½		Paris.....
3573½					20317		23890½			Perth.....
2987½					12827½		15815			Peterboro.....
1540½					27474		29014½			Prescott.....
3294					8634		11928			Sarnia.....
3964					15803		19767			St. Catharines.....
214699½	8961½		162893½	19128½	1023202		1400795	28090½		Toronto.....
3055			42958	3760½	6127		52140	3760½		Windsor.....
968268	21907	5657½	5699699	49984	127627½	378	6795594½	72269	5657½	Montreal.....
42836		9400	192416		172898½		408150½		9400	Quebec.....
754½					1893		2647½			Sherbrooke.....
474							474			St. Johns.....
1303					2088		3391			Three Rivers.....
18044					38211		56255			Miramichi, N.B.....
170386					1002250		1172636			St. John, N.B.....
8451					49836		58287			Cape Breton, N.S.....
134666			652544½		303220	95	1090430½	95		Halifax.....
29989			62822½		11416		104227½			Pictou.....
6920					22183		29103			Yarmouth.....
21211½			29584		44478		95273½			Charlottetown, P.E.I.....
20786½					31198		51984½			Summerside, P.E.I.....
52432	652½				111782½		164214½	652½		Manitoba.....
12855					56479½		69434½			British Columbia.....
241					19478½		19719			Sundry Collectors.....
2058819	34814½	15057½	7820653½	95168½	4736203½	473	14615676	130455½	15057½	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Year ended 30th June, 1867.

Ex-Warehouse for Excise Duty.				Ex-Warehouse to be re-warehoused elsewhere.		Ex-Warehouse for exportation.		Remaining in Warehouse.			Total Weights accounted for.		
Tobacco, at 20c.	Cigars, at 40c.	Snuff, at 20c.	Duty.	Tobacco.	Cigars.	Tobacco.	Cigars.	Tobacco.	Cigars.	Snuff.	Tobacco.	Cigars.	Snuff.
lbs.	lbs.	lbs.	\$ cts.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
8414½			1682 90					6268			14682½		
36653			7130 60	19478½				3626			58757½		
2332½			466 50					1326			3658½		
26874			5374 80	605				4847			32326		
106252			21050 40	22784½				14669½			142706		
803586	1938		161492 40	435338½		*1133		162717½	250		1402774½	2188	
303216	129½		60695 00	1299½				34377½			33889½	1295½	
300779	13927		65726 60					28463	3910		329242	17837	
206527½			41105 50	7905				54943½			268376		
171259½	244590		35230 26	116775	378		367	61052½	2243		349087	543390	
20791½			4158 30					3099			23890½		
12957½			2591 50					2857½			15815		
25171			5034 20	517				3326½			29014½		
7469			1493 80	197½				4171½			11928		
16226			3245 20					3541			19767		
1059121	2168968		220500 04	157017½			3836½	180820	640082		1400795	2809050	
8437½	243530		2661 61	40590				3112½	132489		52140	376019	
1428507	51942	4900	307458 20	3737868½	95	467649	1110	1140250	19122	757½	6795594½	72269	5657½
240375		1008	48276 60	48707½		*21320		102102			408150½		9400
1458			291 60			16966		1189½			2647½		
						*474					474		
2313½			462 70					1077½			3391		
38902½			7780 50					17308½			56255		
767800			153560 00	9783½		9368		385684½			1172636		
46819			9363 80			1667		9801			58287		
618619½			123723 90	105338		107153½		259319½	95		1090430½	95	
58946			11789 20	26304		577		18400½			104227½		
23654			4730 80	1328				4121			29103		
55151			11030 20	3029		1365		35728½			95273½		
37638			7527 60	1337		710		12299½			51984½		
65712	65282		13403 72					98502½			164214½	65282	
44814			8962 80			92½		24528			69434½		
								19715½			19719½		
6543777	951601	5908	1348001 23	4736203½	473	609518½	11477	2703250	3334571	9149½	14615676	13045522	15057½
						*22927							
						632445½							

\*Written off by authority.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued—TOBACCO WAREHOUSE ACCOUNT.

No. 14.—COMPARATIVE STATEMENT for the Years ended 30th June, 1876 and 1877.

	1876.				1877.			
	Remaining in Warehouse from last year.	Placed in Warehouse.	Placed in Warehouse from other Divisions.	Total.	Remaining in Warehouse from last year.	Placed in Warehouse.	Placed in Warehouse from other Divisions.	Total.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Tobacco at 20 cents per lb... ..	3,818,544½	5,805,808	3,849,372	13,473,724½	2,058,819	7,820,653½	4,736,203½	14,615,676
Cigars at 40 cents per lb.....	25,565½	89,864½	1,033½	116,463	34,814.33	95,168.39	473	130,455.72
Stuff at 20 cents per lb.....	86,384½	1,037	.....	87,421½	15,057½	.....	.....	15,057½

APPENDIX A.—Continued.—TOBACCO WAREHOUSE ACCOUNT.

No. 14.—COMPARATIVE STATEMENT for the Years ended 30th June, 1876 and 1877.—Concluded.

	1876.				1877.					
	Ex-Warehouse for Excise Duty.	Ex-Warehouse for Removal.	Ex-Warehouse for Exportation.	Remain-ing in Ware-house.	Total.	Ex-Warehouse for Excise Duty.	Ex-Warehouse for Removal.	Ex-Warehouse for Exportation.	Remain-ing in Ware-house.	Total.
Tobacco at 20cts. per lb. ....	Lbs. 6,930,077	Lbs. 3,849,372	Lbs. 634,978	Lbs. 2,058,819	Lbs. 13,473,724	Lbs. 1,308,755	Lbs. 4,736,203	Lbs. 609,518	Lbs. 2,703,250	Lbs. 14,615,676
Cigars at 40 cts. per lb. ....	80,421	1,033	194	34,814	116,463	95,160	473	1,477	33,345	71
Snuff at 20 cts. per lb. ....	67,040	.....	* 5,324	15,057	87,421	5,908	.....	.....	9,149	15,057
		\$ cts. 1,386,016 35		\$ cts. 2,058,819		\$ cts. 1,308,755 40		\$ cts. 609,518		\$ cts. 14,615,676
		32,168 60		34,814		38,064 23		1,477		33,345 71
		13,408 00		15,057		1,181 60		.....		9,149
		1,431,592 95		.....		1,348,001 23		.....		15,057

\* Destroyed by authority.

† Written off by authority.

Total Excise Duty on Tobacco, Cigars and Snuff.

1876.—Collected Ex-Manufactory and Ex-Warehouse with Licenses.....\$1,742,602 04

1877.— do do do do do do .....\$1,612,086 24

INLAND REVENUE DEPARTMENT,

OTTAWA, 31st July, 1877.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—TOBACCO, RAW LEAF.

DR.

No. 15.—Return for the Year ended 30th June, 1877,

Remaining in Warehouse from last year.		Placed in Warehouse.		Placed in Warehouse from other Divisions.		Total Weights to be accounted for.		Inland Revenue Divisions—
Foreign.	Canadian.	Foreign.	Canadian.	Foreign.	Canadian.	Foreign.	Canadian.	
Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	
								<i>Ontario.</i>
		86		709		795		Belleville.....
		5266		2419		7685		Guelph.....
		7721½		3101		10822½		Hamilton.....
		19838		526		20364		Kingston.....
		10415		7858		18273		London.....
		127211		2538		129749*		Paris.....
		73		640		713		Prescott.....
		2865				2865		Sarnia.....
		9286		122		9408		St. Catharines.....
		116106½		6152		122258½		Toronto.....
300	75515	7276½	32140	816		8392½	107655	Windsor.....
								<i>Quebec.</i>
681599	35886	131909	3968¾		14529	813508	54383¾	Montreal.....
275	2990	85289		4460	3236	90024	6226	Quebec.....
			712				712	Terrebonne.....
			39				39	Three Rivers.....
682174	114391	523342½	36859¾	29341	17765	1234857½	169015¾	
<b>COMPARATIVE STATEMENT for the Fiscal</b>								
442890	14294	745373½	124105½	39068½	49402	1227332	187801½	.....1876.....
682174	114391	523342½	36859¾	29341	17765	1234857½	169015¾	.....1877.....
<b>INLAND REVENUE DEPARTMENT, OTTAWA, 31st July, 1877.</b>								



and Comparative Statement for Years 1876 and 1877.

CR.

Ex-Warehouse for Duty.			Ex-Warehouse to be Re-Warehoused elsewhere.		Ex-Warehouse for Exportation, &c.		Ex-Warehouse for Re-Manufacture.		Remaining in Warehouse.		Total Weights accounted for.	
Foreign, at 20 cts. per lb.	Canadian, at 10 cts. per lb.	Duty.	Foreign.	Canadian.	Foreign.	Canadian.	Foreign.	Canadian.	Foreign.	Canadian.	Foreign.	Canadian.
Lbs.	Lbs.	\$ cts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
			86						709		795	
			724		3685		3276				7685	
23½		4 70	323		6644		3832				10822½	
					6076		14288				20364	
469		93 80	2307		4135		10284		1078		18273	
			4350		5642		119757				129749	
			241				472				713	
			2215				650				2865	
84		16 80	5204		512		3486		122		9408	
363½		72 70	739		42396		73960		4800		122258½	
974	674	262 20	14775		*23	*268	7395½			91938	8392½	107655
	3968½	396 90	13152		250138	959	35641	14873	511667	34583	813508	54383½
85289	3236	17381 40	2990		*2910	275	4460				90024	6226
	712	71 20										712
	39	3 90										39
87203	8629½	18303 60	29341	17765	319503	959	277501½	14873	518376	126521	1234857½	169015½
					*2933	*268						

Years ended 30th June, 1876 and 1877.

158272	11932½	32847 64	39068½	49402	127689	.....	220128½	9963	682174	114391	1227332	187801½
						*2383						
87203	8629½	18303 60	29341	17765	319503	959	277501½	14873	518376	126521	1234857½	169015½
					*2933	*268						

Destroyed by Authority.

A. BRUNEL, Commissioner

APPENDIX A.—Continued.—PETROLEUM.

No. 16.—RETURN for the

Inland Revenue Divisions.	Crude Oil and Distillate used.	Tar and Residuum not Dutiable.	Licenses.		Petroleum, &c.	
			No.	Amount	At 6 cents per Gallon.	Duty.
<i>Ontario.</i>	Gallons.	Gallons.		\$	Gallons.	\$ cts.
HAMILTON.....	1,290,551	.....	3	150	691	41 46
LONDON.....	8,475,968	98,558	18	860	4,637,366	278,241 96
PARIS.....	63,755	.....	5	200	32,103	1,926 18
SARNIA.....	6,102,041	.....	11	550	3,224,317	193,459 02
TORONTO.....	11,772	1,092	1	50	11,002½	660 15
<i>Quebec.</i>	15,944,087	99,650	38	1,806	7,905,479½	474,328 77
MONTREAL.....	20,560	.....	2	75	8,274½	496 51
<b>Total.....</b>	<b>15,964,647</b>	<b>99,680</b>	<b>40</b>	<b>1,875</b>	<b>7,913,754</b>	<b>474,825 28</b>

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Year ended 30th June, 1877.

Inspection Fees.			Quantity Entered for Consumption Ex-Manufactory, and Duty collected thereon, including License and Inspection Fees.		Quantity Entered for Warehouse, and Duty accruing thereon,		Total Quantity Manufactured, and Duty accruing, including Fees.		
At 10 & 5c. per Pkg.	At ½c. per Gallon, and 3c. per Pkg.		Fees.	Quantity.	Duty.	Quantity.	Duty.	Quantity.	Duty.
No.	Gallons.	Pkgs.	\$ cts.	Gallons.	\$ cts.	Gallons.	\$ cts.	Gallons.	\$ cts.
5,635	3,000	588	553 89	691	745 35	.....	.....	691	745 35
124,612	2,156½	6	11,524 60	2,202,370½	144,516 83	2,434,995½	146,099 73	4,637,366	290,616 56
1,095	8	.....	108 44	30,113	2,115 22	1,990	119 40	32,103	2,234 62
11,734	20	.....	1,158 10	26,525	3,299 60	3,197,792	191,867 52	3,224,317	195,167 12
131	156	.....	13 53	2,975½	242 06	8,027	481 62	11,002½	723 68
143,207	5,340½	594	13,358 56	2,262,675	150,919 06	5,642,804½	338,568 27	7,905,479½	489,487 33
7,138	.....	.....	713 80	8,274½	1,285 31	.....	.....	8,274½	1,285 31
150,345	5,340½	594	14,072 36	2,270,949½	152,204 37	5,642,804½	338,568 27	7,913,754	490,772 64

A. BRUNEL,  
Commissioner.

## APPENDIX A.—Continued.—PETROLEUM.

## No. 17.—COMPARATIVE STATEMENT for the

Years.	Provinces.	Crude Oil and Distillate used.	Tar and Residuum not Dutiable.	Licenses.		Petroleum, &c.	
				No.	Amount	At 6 cents per Gallon.	Duty.
1876 .....	Ontario .....	Gallons. 9,295,301	Gallons. 145,527	18	\$ 900	Gallon. 4,836,392½	\$ cts. 290,183 55
	Quebec.....	122,600	117,206	1	50	1,823	109 38
1877.....	Total .....	9,417,901	262,733	19	950	4,838,215½	290,292 93
	Ontario.....	15,944,087	99,650	38	1,800	7,905,479½	474,328 77
	Quebec.....	20,560	.....	2	75	8,274½	496 51
	Total .....	15,964,647	99,650	40	1,875	7,913,754	474,825 28

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Years ended 30th June, 1876 and 1877.

Inspection Fees.			Quantity entered for Consumption Ex-Manufactory, and Duty collected thereon, including License and Inspection Fees.		Quantity entered for Warehouse, and Duty accruing thereon.		Total Quantity Manufactured, and Duty accruing, including Fees.		
At 10 & 5c. per Pkg.	At $\frac{1}{2}$ c. per Gallon and 3c. per Pkg.		Quantity.	Duty.	Quantity.	Duty.	Quantity.	Duty.	
No.	Gallons:	Pkgs.	\$ cts.	Gallons.	\$ cts.	Gallons.	\$ cts.	Gallons.	\$ cts.
110,324	12,040 $\frac{1}{2}$	.....	11,092 62	2,963,228 $\frac{1}{2}$	189,786 33	1,873,164	112,389 84	4,836,392 $\frac{1}{2}$	302,176 17
51	.....	.....	5 10	1,823	164 48	.....	.....	1,823	164 48
110,375	12,040 $\frac{1}{2}$	.....	11,097 72	2,965,051 $\frac{1}{2}$	189,950 81	1,873,164	112,389 84	4,838,215 $\frac{1}{2}$	302,340 65
143,207	5,340 $\frac{1}{2}$	594	13,358 56	2,262,675	150,919 06	5,642,804 $\frac{1}{2}$	338,568 27	7,905,479 $\frac{1}{2}$	489,487 33
7,138	.....	.....	713 80	8,274 $\frac{1}{2}$	1,285 31	.....	.....	8,274 $\frac{1}{2}$	1,285 31
150,345	5,340 $\frac{1}{2}$	594	14,072 36	2,270,949 $\frac{1}{2}$	152,204 37	5,642,804 $\frac{1}{2}$	338,568 27	7,913,754	490,772 64

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—PETROLEUM WAREHOUSE ACCOUNT

DR.

No. 18.—RETURN for the

Remaining in Warehouse from last year.	Placed in Warehouse.	Placed in Warehouse from other Divisions.	Totals.	Inland Revenue Divisions.
Galls.	Galls.	Galls.	Galls.	Ontario.
9,213·34			9,213·34	Belleville
22,910·00		1,346,168·00	1,369,078·00	Hamilton
184,525·00	2,434,995·50	1,275,540·00	3,895,060·50	London
	1,990·00		1,990·00	Paris
54,429·00	3,197,792·00		3,252,221·00	Sarnia
3,083·50	8,027·00	2,081·00	13,191·50	Toronto
				Quebec.
12,762		772,248·50	785,010·50	Montreal
				New Brunswick.
		4,291·00	4,291·00	Miramichi
6,543·00		156,416·00	162,959·00	St. John
				Nova Scotia.
4,541·50		147,768·00	152,309·50	Halifax
		4,466·50	4,466·50	Pictou
				Prince Edward Island.
		4,311·50	4,311·50	Charlottetown
		9,213·34	9,213·34	Suspense Account
298,007·34	5,642,804·50	3,722,503·84	9,663,315·68	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

Year ended 30th June, 1877.

R.

Ex-Warehouse for Duty at 6 cents per Gall.		Ex-Warehouse to be Re-Ware- housed elsewhere.	Ex-Ware- house for Exporta- tion.	Loss by Deodorization, Waste, &c.		Remaining in Warehouse.	Totals.
Galls.	cts.	Galls.	Galls.	Loss.	Written off.	Galls.	Galls.
		9,213 34					9,213 34
1,239	74 34	43,288 00	1,091,206 50		233,344 1/2		1,369,078 00
498,880	29,932 80	1,079,458 50	2,122,833 00	2,073	191,816		3,895,060 50
					1,990		1,990 00
330,612	19,836 72	2,590,544 00	245,661 00	9,631	75,773		3,252,221 00
1,883	112 98			*10,524	784 1/2		13,191 50
250,966	15,057 96		464,019 00		70,025 1/2		785,010 50
4,291	257 46						4,291 00
153,185	9,191 10				9,774		162,959 00
135,582	8,134 92				16,727 1/2		152,309 50
4,466 1/2	268 02						4,466 50
4,311 1/2	258 69						4,311 50
						9,213 34	9,213 34
1,385,416	83,124 99	3,722,503 84	3,923,719 50	11,704 *10,524	600,235	9,213 34	9,663,315 60

\* Taken for refining.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—PETROLEUM WAREHOUSE ACCOUNT.

DR.

No. 19.—COMPARATIVE STATEMENT for the

Remaining in Warehouse from last year.	Placed in Warehouse.	Placed in Warehouse from other Divisions.	Totals.	Provinces.
Galls.	Galls.	Galls.	Galls.	1876.
93,371½	1,873,164	354,761	2,321,296½	..... Ontario.....
29,210	.....	454,206½	483,416½	..... Quebec.....
3,181¼	.....	149,128½	152,309¾	..... New Brunswick.....
6,919	.....	174,594½	181,513½	..... Nova Scotia.....
1,020¾	.....	3,291½	4,312½	..... Prince Edward Island.....
.....	.....	.....	.....	..... Manitoba.....
2,000	.....	.....	2,000	..... British Columbia.....
135,702½	1,873,164	1,135,982½	3,144,848¾	
				1877.
274,160 <sup>24</sup>	5,642,804 <sup>50</sup>	2,623,789	8,540,754 <sup>34</sup>	..... Ontario.....
12,762	.....	772,248 <sup>50</sup>	785,010 <sup>50</sup>	..... Quebec.....
6,543	.....	160,707	167,250	..... New Brunswick.....
4,541 <sup>50</sup>	.....	152,234 <sup>50</sup>	156,776	..... Nova Scotia.....
.....	.....	4,311 <sup>50</sup>	4,311 <sup>50</sup>	..... Prince Edward Island.....
.....	.....	.....	.....	..... Manitoba.....
.....	.....	.....	.....	..... British Columbia.....
.....	.....	9,213 <sup>24</sup>	9,213 <sup>24</sup>	..... Suspense Account.....
298,007 <sup>24</sup>	5,642,804 <sup>50</sup>	3,722,503 <sup>24</sup>	9,663,315 <sup>24</sup>	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



Years ended 30th June, 1876 and 1877.

CR.

Ex-Warehouse for Duty At 6 cents per Gallon.		Ex-Warehouse to be Re-Warehoused elsewhere.	Ex-Warehouse for Ex-Portation.	Loss by Deodorization, Waste, &c.		Remaining in Warehouse.	Totals.
Galls.	\$ cts.	Galls.	Galls.	Galls. Loss.	Galls. Written off.	Galls.	Galls.
786,451½	47,206 29	1,134,961½	47,246	76,634	.....	276,003½	2,321,296½
470,654½	28,713 76	.....	.....	.....	.....	12,762	483,416½
145,766¾	8,746 01	.....	.....	.....	.....	6,543	152,309¾
176,972	10,618 31	.....	.....	.....	.....	4,541½	181,513½
3,291¾	197 51	1,020¾	.....	.....	.....	.....	4,312¾
.....	.....	.....	.....	.....	.....	.....	.....
2,000	120 00	.....	.....	.....	.....	.....	2,000
.....	.....	.....	.....	.....	.....	.....	.....
1,585,136½	95,601 88	1,135,982½	47,246	76,634	.....	299,850	3,144,848½
.....	.....	.....	.....	.....	.....	.....	.....
832,614	49,956 84	3,722,503 <sup>24</sup>	3,459,700 <sup>20</sup>	22,228	503,708	.....	8,540,754 <sup>24</sup>
250,966	15,057 96	.....	464,019	.....	70,025½	.....	755,010 <sup>22</sup>
157,476	9,448 56	.....	.....	.....	9,774	.....	167,250
140,048½	8,402 94	.....	.....	.....	16,727½	.....	156,776
4,311½	258 69	.....	.....	.....	.....	.....	4,311 <sup>52</sup>
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	9,213 <sup>24</sup>	9,213 <sup>24</sup>
.....	.....	.....	.....	.....	.....	.....	.....
1,385,416	83,124 99	3,722,503 <sup>24</sup>	3,923,719 <sup>20</sup>	22,228	600,235	9,213 <sup>24</sup>	9,663,315 <sup>20</sup>

Total Excise Duty on Petroleum.

1876—Collected Ex-Manufactory and Ex-Warehouse with Licenses and Fees.....	\$285,552 69
1877— do do do .....	235,329 36

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—MANUFACTURES IN BOND.

No. 20.—RETURN of Manufactures for the Year ended 30th June, 1877.

Revenue Divisions.	No. of Licenses.	Amount of License Fees.	Materials Used.				Products of Manufactures.		Duty accruing on Warehouse Goods.
			Proof Spirits.	Beer, Wine, Vinegar, &c., &c.	Other Commodities.	Other Commodities.	Vinegar at 3-6 cents per Gallon.	Methylated Spirits at 14-4 cts. per Gallon.	
Hamilton.....	No. 3	\$ 150	Gallons. 116,728 01	Gallons. ....	Gallons. 5,540-87	Lbs. ....	Gallons. 295,099-09	Gallons. 52,987-21	\$ cts. 18,250 84
Kingston.....	1	50	5,021 37	7,788-00	.....	.....	20,671-00	.....	744 16
Toronto.....	2	100	43,274-41	70,800-00	79-13	.....	185,233-00	1,367-94	6,865 36
Windsor.....	1	50	1,923 63	.....	.....	.....	7,207-80	.....	259 48
Montreal.....	1	50	9,140-40	2,007-00	.....	8,166	50,514-00	.....	1,818 50
St. John, N.B.....	1	50	15,291-84	.....	.....	.....	62,833-23	.....	2,262 00
Halifax, N.S.....	2	100	2,548-80	.....	.....	.....	12,777-10	.....	459 98
<b>Totals.....</b>	<b>11</b>	<b>550</b>	<b>193,928-46</b>	<b>80,595-00</b>	<b>5,620-00</b>	<b>8,166</b>	<b>634,335-22</b>	<b>54,335-15</b>	<b>30,660 32</b>

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.—MANUFACTURES IN BOND.  
 No. 21.—COMPARATIVE STATEMENT of Manufactures for the Years ended 30th June, 1876 and 1877.

Provinces.	No. of Licenses.	Amount of License Fees.	Materials used.				Products of Manufactures.		Duty accruing on Warehoused Goods.
			Proof Spirits.	Beer, Wine, Vinegar, &c.	Other Commodities.	Other Commodities.	Vinegar at 3-6 cents per Gallon.	Methylated Spirits at 14-4 cts. per Gallon.	
1876.									
Ontario.....	8	\$ 400	157,984-34	63,987-00	5,373-12	Lbs.	Gallons.	\$ cts.	
Quebec.....	1	50	7,428-97	3,475 00	.....	9,384	496,903-40	24,166 29	
New Brunswick.....	1	50	15,505-27	.....	.....	.....	25,132-80	904 78	
Nova Scotia.....	1	50	1,341-43	.....	.....	.....	61,838-00	2,226 17	
1877.									
Ontario.....	11	550	182,260-01	67,462-00	5,373-12	9,384	592,642-87	27,612 91	
Quebec.....	7	350	166,947-42	78,588-00	5,620 00	.....	508,210 89	26,119 84	
New Brunswick.....	1	50	9,140-40	2,007 00	.....	8,166	50,514-00	1,818 50	
Nova Scotia.....	2	100	15,291-84	.....	.....	.....	62,833-23	2,262 00	
			2,548-80	.....	.....	.....	12,777-10	459 98	
	11	550	193,928-46	80,596-00	5,620-00	8,166	634,335-22	30,660 32	

INLAND REVENUE DEPARTMENT,  
 OTTAWA, 31st July, 1877.

A. BRUNEL,  
 Commissioner.

## APPENDIX A.—Continued.—MANUFACTURES IN BOND.

No. 22.---WAREHOUSE Return for

Remaining in Warehouse from last year.		Warehoused.		Vinegar received in Bond from other Divisions.	Revenue Divisions.
Vinegar.	Domestic Liquors.	Vinegar.	Methylated Spirits.		
Galls.	Galls.	Galls.	Galls.	Galls.	
35,184·76		295,099·09	52,967·21		.....Hamilton.....
10,967·00		20,671·00			.....Kingston.....
3,413·00					.....Sarnia.....
16,010·00		185,233·00	1,367·94		.....Toronto.....
4,304·80		7,207·80			.....Windsor.....
		50,514·00			.....Montreal.....
2,204·00					.....Quebec.....
10,289·00		62,833·23			.....St. John, N.E.....
	167·09	12,777·10		2,608·89	.....Halifax, N.S.....
82,372·56	167·09	634,335·22	54,335·15	2,608·89	

INLAND REVENUE DEPARTMENT,  
OTTAWA. 31st July, 1877.

the Year ended 30th June, 1877.

Entered for Consumption.				Vinegar removed to other Divisions.	Vinegar Exported	Remaining in Warehouse.		
Vinegar at 3·6 cts. per Gall.	Methylated Spirits at 14·4 cts. per Gall.	Domestic Liquors at \$1.20 per Gall.	Duty Collected.			Vinegar.	Methylated Spirits	Domestic Liquors
Galls.	Galls.	Galls.	\$ cts.	Galls.	Galls.	Galls.	Galls.	Galls.
293,970·71	51,332·23	.....	17,974 58	.....	.....	36,313·14	1,634·98	.....
19,111·00	.....	.....	687 99	.....	.....	12,527·00	.....	.....
3,413·00	.....	.....	122 85	.....	.....	.....	.....	.....
161,990·33	1,367·94	.....	6,028 56	.....	2,156·67	37,096·00	.....	.....
11,512·60	.....	.....	414 46	.....	.....	.....	.....	.....
50,514·00	.....	.....	1,818 54	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	2,204·00	.....	.....
56,096·00	.....	.....	2,019 39	2,608·89	.....	14,417·34	.....	.....
10,720·80	.....	42·71	437 20	.....	1,484·40	3,180·79	.....	124·38
607,328·44	52,700·17	42·71	29,503 57	2,608·89	3,641·07	105,738·27	1,634·98	124·38

A. BRUNEL,  
Commissioner.

## APPENDIX A.—Continued.—MANUFACTURES IN BOND.

CR.

No. 23.—COMPARATIVE WAREHOUSE RETURN

Remaining in Warehouse from last Year.			Placed in Warehouse.		Vinegar Received in Bond from other Divisions.	Provinces.
Vinegar.	Methylated Spirits.	Domestic Liquors.	Vinegar.	Methylated Spirits.		
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	1876.
63,081·91	896·48	.....	496,903·40	43,595·60	.....	..... Ontario.....
2,204·00	.....	.....	25,132·80	.....	.....	..... Quebec.....
8,969·00	.....	.....	61,838·00	.....	.....	..... New Brunswick
5,753	.....	167·09	8,768·67	.....	.....	..... Nova Scotia....
80,007·91	896·48	167·09	592,642·87	43,595·60	.....	1877.
69,879·56	.....	.....	508,210·89	54,335·15	.....	..... Ontario.....
2,204·00	.....	.....	50,514·00	.....	.....	..... Quebec.....
10,289·00	.....	.....	62,833·23	.....	.....	..... New Brunswick
.....	.....	167·09	12,777·10	.....	2,608·89	..... Nova Scotia....
82,372·56	.....	167·09	634,335·22	54,335·15	2,608·89	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

for the Years ended 30th June, 1876 and 1877.

DR.]

Duties Collected Ex-Warehouse.				Vinegar removed in Board to other Divisions.	Vinegar Exported, &c.	Remaining in Warehouse.		
Vinegar at 3·6 cts. per Gallon.	Methylated Spirits at 14·4 cts. per Gallon.	Domestic Liquors at \$1·20 per gal.	Duty Collected.			Vinegar.	Methylated Spirits	Domestic Liquors.
Gallons.	Gallons.	Gallons	\$ cts.	Gallons.	Gallons.	Gallons.	Gallons.	Galls.
486,480·75	44,492·08	.....	23,919 91	.....	3,625·00	69,879·56	.....	.....
25,132·80	.....	.....	904 81	.....	.....	2,204·00	.....	.....
53,782·00	.....	.....	1,936 15	.....	*6,738·00	10,289·00	.....	.....
14,521·67	.....	.....	522 76	.....	.....	.....	.....	167·09
579,917·22	44,492·08	.....	27,283 63	.....	10,361·00	82,372·56	.....	167·09
489,997·64	52,700·17	.....	25,228 44	.....	2,156·67	85,936·14	1,634·98	.....
50,514·00	.....	.....	1,818 54	.....	.....	2,204·00	.....	.....
56,096·00	.....	.....	2,019 39	2,608·89	.....	14,417·34	.....	.....
10,720·80	.....	42·71	437 20	.....	1,484·40	3,180·79	.....	124·38
607,328·44	52,700·17	42·71	29,503 57	2,608·89	3,641·07	105,738·27	1,634·98	124·38

\*Destroyed by fire.

A. BRUNEL,  
Commissioner.





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CANALS.

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APPENDIX A — Continued. — CANALS.

NO. 24 — GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian Ports.		From United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl .....										
Apples .....		110					10	147	157	35 85
Agricultural Products not enumerated, Vegetable.....		1,010					37	1,167	1,204	72 35
Agricultural Products not enumerated, Animal.....										
Agricultural Implements.....	40		3				43	5	48	18 20
Barley.....	1,247		15,620				16,867	5,426	22,293	4,396 62
Bricks.....	71		10				81	369	450	75 50
Bones.....										
Baggage .....										
Beer.....	14									
Brimstone, Crude.....										
Cement and Water Lime.....	3									
Clay, Lime and Sand.....	30									
Corn.....	661									
Cattle .....	1									
Cotton, Raw .....										
Coffee.....	1									
Crockery .....										
Dye Wood and Dye Stuffs.....	3									
Earthenware .....	86									
Fish.....	23									
Flax and Hemp.....										
Flour.....	40	9,744								
Furniture.....	27	5								
Gypsum.....	3	217								
Glass, Window.....	59									
Glassware.....	4									
Hay, Pressed.....	109									

	7	1	6	1	45	22	3	58	26	3	84	40
Hogs.....	4	20	60	1	8	80	13	60	70	82	82	16 51
Hides and Skins, Horns and Hoofs.....			45								60	3 00
Ice.....	515				3,722	66	3,767	1,787	138	3,767	3,767	763 40
Iron, Railway.....	337	371	13		2,915	298	421	3,265	1,090	1,925	1,925	289 02
" " all other.....			4,060		18,236			4,385		824 73	22,296	1,114 80
Iron Ore.....					91					91		4 55
Kyrolite or Chemical Ore, and other Ore, except Iron.....	2	2				50		2	61		63	12 60
Lard and Lard Oil.....		430				167	12		609		609	46 55
Meals, all kinds.....		9				23			32		32	6 40
Meats, other than Pork.....												733 20
Marble.....					1,833					1,833		13 20
Manilla.....	4				29					33		3 20
Molasses.....	8							8			8	
Nails.....	144		66			180		210	345		555	215 40
Oats.....						340			13,066		13,066	2,595 28
Oil, in barrels.....	19		12		6	1,074	3	37	1,077		1,114	445 25
Oil Cake.....						4			4		4	80
Pease.....		277						20	299		313	63 80
Potatoes.....	338		251		56	1		645	646		646	74 99
Pork.....						542			587		587	117 40
Paint.....	38	1	2		108	13		148	14		162	64 45
Pitch and Tar.....					4			4	1		5	2 00
Rags.....	22				7			62	33		62	14 60
Rye.....	34					568		34	1,497		1,531	300 25
Salt.....	152	631	25		10		10	24			24	6 10
Stone, intended for cutting.....		691			22,378			22,855	633		23,188	4,629 83
do wrought.....					24	3		7,000	7,694		7,718	1,621 76
do not suitable for cutting, unwrought.....					72	66		656	722		791	310 70
Seeds, all kinds.....	2,065	13,381	323		780			3,168	13,381		16,549	934 09
Sheep.....						39			39		39	7 80
Soda Ash.....	92							1			1	20
Steel.....	14		70		13	12	2	175	14		169	63 40
Sugar.....	133		36		80			249			249	3 85
Spirits.....	53	203	19		223	148		295	446		741	85 05
Tobacco, Raw.....		5			4	14	7	4	26		30	281 10
Tallow.....					12	17		12	17		29	5 80
Tin.....	27		4					31			31	9 25
Turpentine.....												
Vinagar.....	3							3			3	1 20
Wheat.....	7,679	8,353			1	92,389	74,276	7,080	175,018		182,098	34,039 16
White Lead.....	36		3		36	8		75	8		83	27 95
Whiting.....	27				26			53			53	15 63
Wool.....						339			339		339	70 60





APPENDIX A.--Continued.--CANALS.

No. 25.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
	Ashes, Pot and Pearl.....	7	1,394	201	289	58			36	266		
Apples.....	105	8,033		72				1,310	105	9,445	9,550	1,356 89
Agricultural Products not enumerated, Vegetable.....	733	648	3		4	10			740	638	1,398	166 98
Agricultural Products not enumerated, Animal.....	171	2,130	4	135	5	4		6	180	2,275	2,455	293 84
Agricultural Implements.....	145	68				1			145	70	215	22 01
Barley.....	39	7,130		9					39	7,139	7,178	553 03
Bricks.....	2,299	639	40			38	212		2,551	677	3,228	197 70
Bones.....	4	70		683					4	752	756	92 88
Baggage.....	268	538							268	538	806	136 35
Beer.....	246	5	18						264	5	269	39 87
Brimstone, Grude.....	4								4		4	80
Cement and Water Lime.....	1,566	816	26				114	2,578	1,706	3,394	5,100	646 42
Clay, Lime and Sand.....	3,354	1,050					2,658	303	6,012	1,353	7,365	334 67
Coal.....	9	15,265				229		22,870	9	38,365	38,374	5,355 47
Corn.....	981	40,497			3	271	211	1,553	1,195	42,320	43,515	4,289 71
Cattle.....	55	1,051							55	1,051	1,106	77 51
Cotton, Raw.....	6								6		6	1 17
Coffee.....	630	59							630	59	739	143 68
Crockery.....	31	2					53		84	2	86	7 18
Dye Woods and Dye Stuffs.....	614	22							640	22	662	140 00
Earthenware.....	1,562	42	7						1,569	42	1,611	168 90
Fish.....	2,810	15,108	26			62	122	300	2,938	15,470	18,408	2,481 99
Flax and Hemp.....	259	101			4				263	101	364	46 12
Furniture.....	2,866	124	400						3,266	124	3,390	141 43
Gypsum.....	1,201	5	17	25					1,218	30	1,248	248 57
Glass, Window.....	145	468	8						153	468	621	121 33
Glassware.....	615	174							615	174	789	56 77
Hay, Pressed.....												



No. 25.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
All other Goods and Merchandise not enumerated.....	9,107	2,347	165	8	264	530	589	234	10,125	3,119	13,244	1,994 27
Bark.....	70	8							70	8	78	3 13
Barrels, Empty.....	851	103	22						873	103	976	120 91
Boat Knees.....												
Floats.....												
Firewood, in Vessels.....	4,299	7,356	1,563						5,862	7,356	13,218	128 76
Firewood, in Rafts.....	207	56,568							207	56,568	62,430	1,926 44
Hoops.....	86	86		20	18				18	106	124	13 39
Hop Poles.....	639											
Lumber, Sawn, in Vessels.....	14,646	52,032	46	5,204	12	266	23	4,992	14,727	62,494	77,221	5,751 72
do do Rafts.....	503	23,906							502	23,906	24,408	1,098 40
Masts, Spars and Telegraph Poles, in Vessels.....		52										
Masts, Spars and Telegraph Poles, in Rafts.....	12	15,702							12	15,702	15,714	328 20
Railway Ties, in Vessels.....		515										
do do Rafts.....												
Saw Logs.....		17,451								17,451	17,451	398 80
Staves and Headings, Barrel.....	8	581							8	581	589	46 75
do do Pipe.....		1,698						136		1,834	1,834	230 40
do do West India.....		1,310					24			1,334	1,334	200 40
Staves Salt Barrel.....												
Shingles.....	15	8			1				16	8	24	4 88
Split Posts and Fence Rails, in Vessels.....		10										
Split Posts and Fence Rails, in Rafts.....												
Timber Square, in Vessels.....	200	4,271							240	5,621	5,821	293 25
do do Rafts.....	380	17,337	40	40				860	380	17,387	17,717	471 25
Traverses.....		14,308									14,308	37 23



Woodenware and Wood partly manufactured	273	208					15	273	223	496	161 35
Total Freight paying Tolls	115,789	410,898	6,309	1,718	11,430	36,484	133,909	456,092	590,001	50,840	12
Coal, Free by Order in Council	21,223	11			67,571	88,805			88,805		
Wheat, having paid full Toll on the Welland Canal, Free		64,030				3,284			67,314		
do do do		8,351				7,477			92,831		
Flour, do do do		7,480				908			8,388		
Pease, do do do		277				21			298		
Oats, do do do		11,616				2,785			14,401		
Barley, do do do		3,466							3,466		
Iron Ore, having paid full Toll on the Chambly Canal, Free										360	
Iron, Free, as per Order in Council		360							1,919		
Kryolite, Free		1,919									
Petroleum, Free											
Grand Total Freight	137,012	585,400	6,320	1,718	79,001	50,959	222,714	645,069	867,783		

Total Tolls on Vessels ..... 14,742 19  
do Passengers ..... 2,901 63  
Free Goods ..... 3,340 00  
Fines and Damages ..... 8,728 28  
Wharfage and Storage ..... 817 62  
Winterage, Basin Dues and other Receipts .....  
Total Revenue, exclusive of Hydraulic Rents ..... \$91,369 84

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
 OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.

No. 26—GENERAL STATEMENT showing the Quantity of each Article transported on the Burlington Bay Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl .....	15	404		375			15	779	794	
Apples .....		1,929						1,929	1,929	
Agricultural Products not enumerated, Vegetable.....	22	5					22	5	27	
Agricultural Products not enumerated, Animal .....	55	1,142			30		85	1,142	1,227	
Agriultural Implements.....	1	85					1	85	86	
Berley .....	103	16		2,405			164	2,421	2,421	
Bricks .....									164	
Bones .....	65	65					65	65	130	
Baggage.....	21	4					21	4	25	
Beer .....										
Brimstone, Grude.....										
Cement and Water Lime.....	92				1		93		93	
Clay, Lime and Sand .....	6				875		881		881	
Coal.....	557	350			57,636		58,193	360	58,543	
Corn .....										
Cattle .....	5	1					5	1	6	
Cotton, Raw .....										
Coffee .....										
Grocery.....	45						45		45	
Dye Wood and Dye Stuffs.....	2				12		14		14	
Earthenware .....	386						386		386	
Fish.....	216				4		220		220	
Flax and Hemp.....										
Flour .....	45	5,694					45	5,694	5,739	
Furniture.....	20	6			1		21	6	27	
Gypsum.....	3						3		3	
Glass, Window .....	117	15					117	15	132	
Glassware.....	428	256			4		432	256	688	
Hay, Presse .....										

Hors	23	31	23	31	54
Horses	2	24	2	24	26
Hides and Skins, Horns and Hoofs.					
Ice					
Iron, Railway	3,918		3,918		3,918
do Pig	4,008	669	4,668	150	4,818
do all other	1,757	55	1,812	161	1,976
Iron Ore					
Kryolite or Chemical Ore, and other Ore, except Iron					
Lard and Lard Oil	12	1	15	1	16
Meals, all kinds	163	163		163	
Meats, other than Pork	7	7		7	
Marble	12	44	56	22	78
Manilla	8		8		
Molasses	341	336	677	20	697
Nails	1,257	110	1,367	40	1,407
Oats	464			464	
Oil, in Barrels	170	25	190	170	320
Oil Cake					
Oil Cake	125				
Pease		79		2,010	2,010
Potatoes	81		81	4	85
Pork	66			66	
Paint	67	1	68	66	68
Pitch and Tar	4	29	33	33	33
Rags	3	38	3	38	41
Eye					
Rosin	91	180	271		271
Salt	487		487		487
Stone, intended for Cutting	252	1,506	1,768	2	1,760
do wrought					
do not suitable for Cutting, unwrought					
Seeds, all kinds	2	3	5	21	26
Sheep					
Soda Ash	184		184	3	187
Steel	20		20		20
Sugar	907	4	911		911
Spirits	112	112	112	251	363
Tobacco, Raw	12	15	12	15	27
Tallow	2			2	
Tin	73		73		73
Turpentine	6	15	21		21
Vinegar	3		3	246	249
Wheat	287	1,957	717	2,401	3,118
White Lead	32		32		32
Whiting	53		53		53
Wool	27	16	27	16	43

No. 26.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
All other Goods and Merchandise not enumerated.....	2,889	1,393		5				311	3,200	1,398	4,598	— cis.
Bark.....												
Barrels, Empty.....	39								39		39	
Boat Knees.....												
Floats.....												
Firewood, in Vessels.....	548								548		548	
do in Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, Sawn, in Vessels.....	328	412		793					328	1,205	1,533	
do in Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....		250								250	250	
Masts, Spars and Telegraph Poles, in Rafts.....										3	3	
Railway Ties, in Vessels.....												
do in Rafts.....	894								894		894	
Saw Logs.....												
Staves and Headings, Barrel.....												
do do Pipe.....		114								114	114	
do do West India.....		204								204	204	
Staves, Salt Barrel.....												
Shingles.....				233						233	233	
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....		1,960								1,960	1,960	
do in Rafts.....		8,140								8,140	8,140	
Traverses.....												

	1	20		1	2	20	22
Woodenware and Wood partly manufactured.....							
Total Freight Free, per Order in Council.....	21,069	28,273	4,337	62,337	83,406	32,610	116,016
Total Tolls on Vessels.....							3,792 65

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.—CANALS.

No. 27.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue collected, during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....		84								84	84	13 11
Apples.....	14	7							14	7	21	0 91
Agricultural Products not enumerated, Vegetable.....	26								26		52	2 61
Agricultural Products not enumerated, Animal.....	2	377							2	377	379	26 26
Agricultural Implements.....	1	9							1	9	10	0 95
Barley.....		622								622	622	39 57
Bricks.....	2								2		2	0 06
Bones.....		16							16		16	1 29
Bones.....	152	145							152	145	297	21 06
Beer.....	100								100		100	5 00
Brimstone, Crude.....												
Cement and Water Lime.....	236								236		902	59 77
Clay, Lime and Sand.....		812								812	812	58 35
Coal.....												
Corn.....												
Cattle.....	3	385							3	385	388	25 95
Cotton, Raw.....												
Coffee.....												
Crockery.....												
Dye Woods and Dye Stuffs.....												
Earthenware.....	3								3		3	0 15
Fish.....	18								18		18	0 54
Flax and Hemp.....												
Flour.....	119	50							119	50	169	8 17
Furniture.....	9	53							9	53	62	8 19
Gypsum.....												
Glass, Window.....	2								2		3	0 15
Glassware.....												
Hay, Pressed.....		5								5	5	0 50

Hogs	63	62	61	4 28
Horses	183	183	248	12 67
Hides and Skins, Horns and Hoofs	43	42	42	3 59
Ice	5	5	25	0 63
Iron. Railway	20	20	188	12 43
do Pig	43	43	168	
do All other.	125	125		
Iron Ore.				
Kryolite or Chemical Ore, and other Ore, except Iron.	50	50	50	2 50
Lard and Lard Oil	1	1	1	0 03
Meals, all kinds.	3	3	663	60 79
Meats, other than Pork.	1	1		
Marble	3	3		
Manilla	2	2		
Molasses	2	2		
Nails	23	23		
Oats	756	756		
Oil, in Barrels.	9	9		
Oil Cake.				
Pease	2,359	2,359		
Potatoes	332	332		
Pork	33	33		
Paint.	1	1		
Pitch and Tar	72	72		
Rags.	12	12		
Rye.				
Rosin	34	34		
Salt	22	22		
Stone intended for Cutting.	5,287	5,287		
do wrought.	1	1		
do not suitable for Cutting, unwrought.				
Seeds, all kinds.				
Sheep.	10	10		
Soda Ash	204	204		
Steel.				
Sugar.	20	1		
Spirits.	28	1		
Tobacco, Raw	1	1		
Tallow	1	1		
Tin				
Turpentine.				
Vinegar	1	1		
Wheat				
White Lead				
Whiting				
Wool.	5	5		
			6	0 42

No. 27.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
All other Goods and Merchandise not enumerated.....	561	225							561	225	786	\$ cts. 50 14
Bark.....	2	147							2	147	149	18 70
Barrel, Empty.....												
Boat Knees.....		6,965								6,965	6,965	89 39
Boat Knees.....		147,763		540						148,303	148,303	4,562 08
Firewood, in Vessels.....		791								791	791	16 43
do Rafts.....		21								21	21	2 10
Hoops.....												
Hop Poles.....												
Lumber, Sawn, in Vessels.....	81	153,874		174,546					81	328,422	328,503	30,090 17
do Rafts.....		46,429								46,429	46,429	1,374 96
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....		1,324								1,324	1,324	182 25
do Rafts.....		70								70	70	2 63
Saw Logs.....		1,633								1,633	1,633	39 50
Staves and Headings, Barrel.....		125								125	125	7 95
do Pipe.....												
do West India.....												
Staves, Salt Barrel.....												
Shingles.....		163								163	163	51 81
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....												
do Rafts.....												
Taverns.....		2,484								2,484	2,484	35 57
		1,327								1,327	1,327	7 02



	2	9	20	2	9	11	2 00
Woodenware and Wood partly manufactured.....							
Total Freight paying Tolls.....	1,628	376,819	175,088	1,648	551,907	553,555	37,958 80
Coal and Stone per Order in Council, free .....	200	350		200	350	550	
Grand Total Freight.....	1,828	377,169	175,088	1,848	552,257	554,105	
Total Tolls on Vessels.....							4,993 84
do Passengers .....							382 07
do Free Coal and Stone.....						\$87 90	
Fines and Damages.....							22 00
Wharfage and Storage .....							5 22
Total Revenue from all sources.....							\$43,361 93

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.—CANALS.

No. 28.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected, during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian to Canadian Ports.		From United States to United States Ports.		From Canadian to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Apples.....	12	96	.....	.....	.....	.....	.....	.....	.....	.....	1,599	159 90
Agricultural Products not enumerated, Vegetable.....	569	244	.....	.....	.....	.....	.....	.....	.....	.....	12	77 30
Agricultural Products not enumerated, Animal.....	80	81	.....	.....	.....	.....	.....	.....	.....	.....	569	27 69
Agricultural Implements.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	80	5 75
Barley.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	0 44
Bricks.....	5,583	6	.....	.....	.....	.....	.....	.....	.....	.....	4,078	377 31
Bones.....	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,583	549 78
Baggage.....	10	2	.....	.....	.....	.....	.....	.....	.....	.....	1,299	129 90
Beer.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	0 54
Brimstone, Crude.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cement and Water Lime.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clay, Lime and Sand.....	1,017	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corn.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cattle.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cotton, Raw.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crockery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dye Woods and Dye Stuffs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Earthenware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fish.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flax and Hemp.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour.....	476	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furniture.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gypsum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glass, Window.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glassware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hay, Pressed.....	389	263	.....	.....	.....	.....	.....	.....	.....	.....	1,117	103 06
		728									263	
											1,380	

	5	65	64		29	64	5	65	70	2 51
Hogs.....										
Horses.....										
Hides and Skins, Horns and Hoofs.....			64							
Ice.....										
Iron, Railway.....		3			1,207				1,207	120 70
do Pig.....			8				8			3 55
do All other.....	1				975		1			110 40
Iron Ore.....										510 60
Kryolite or Chemical Ore, and other Ore, except Iron.....										
Lard and Lard Oil.....	5		50							5 60
Meats, all kinds.....							55			
Marble.....										
Manilla.....					120				131	17 26
Molasses.....	12									
Nails.....					3,640		12		3,662	364 74
Oats.....	3	1,131					3		1,134	49 46
Oil, in Barrels.....	1						1		398	39 80
Oil Cake.....										
Pease.....		1,036								
Potatoes.....	1	26	354						1,036	34 55
Pork.....										
Paint.....										
Pitch and Tar.....	2									
Rags.....		1								
Rye.....										
Rosin.....										
Salt.....	1,438	167								
Stone intended for Cutting.....										
do Wrought.....	15									
do not suitable for Cutting, unwrought.....										
Seeds, all kinds.....										
Sheep.....	1	268								
Soda Ash.....										
Steel.....										
Sugar.....	1									
Spirits.....										
Tobacco, Raw.....										
Tallow.....										
Tin.....										
Turpentine.....										
Vinegar.....										
Wheat.....										
White Lead.....										
Whiting.....										
Wool.....	15									

NO. 28.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian Ports.		From United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
All other Goods and Merchandise, not enumerated.....	634	88		1			838	848	1,686	\$ 164 05
Bark.....									1	0 18
Barrels, Empty.....		1								
Boat Knees.....										
Floats.....										
Firewood, in Vessels.....	45	339					45	795	840	21 56
do in Rafts.....									54	7 35
Hoops.....										
Hop Poles.....										
Lumber, sawn, in Vessels.....	3,366	226					42,763	312	43,075	2,519 45
do Rafts.....										
Masts, Spars and Telegraph Poles, in Vessels.....										
Masts, Spars and Telegraph Poles, in Rafts.....	96									
Railway Ties, in Vessels.....		267								
do Rafts.....										
Saw Logs.....								267	267	14 17
Staves and Headings, Barrel.....										
do Pipe.....										
do West India.....										
Staves, Salt Barrel.....										
Shingles.....										
Split Posts and Fence Rails, in Vessels.....	22	2					22	2	24	4 92
do Rafts.....	7						7		7	0 47
Timber, square, in Vessels.....	10								10	0 17
do Rafts.....									485	48 44
Traverses.....									20	0 40



APPENDIX A.—Continued.—CANALS.

No. 29.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1877,

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Ton s.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	4	66							4	66	70	14 28
Apples.....	2	159							2	159	161	5 06
Agricultural products not enumerated, Vegetable.....	162								162		162	8 05
Agricultural products not enumerated, Animal.....	245	1,090							245	1,090	1,335	98 32
Agricultural Implements.....	6	72							6	72	78	9 00
Barley.....	57								57		57	1 44
Bricks.....	220	196							220	196	416	15 80
Bones.....	88								88		88	14 12
Baggage.....	7								7		7	0 71
Bar-I.....	9	3							9	3	12	1 15
Brickstone, Crude.....	59	332							59	332	391	31 27
Cement and Water Lime.....	56	262							56	262	318	14 35
Clay, Lime and Sand.....	1	2,113							1	2,113	2,114	101 26
Coal.....	1	232							1	232	232	7 01
Corn.....	1								1		1	0 03
Cattle.....												
Cotton, Raw.....												
Coffee.....												
Crockery.....	2	2							2	2	4	0 45
Dye Woods and Dye Stuffs.....												
Earthenware.....	24								24		24	2 29
Fish.....	76	34							76	34	110	2 82
Flax and Hemp.....												
Flour.....	64	260							64	260	324	9 34
Furniture.....	26	47							26	47	73	8 10
Gypsum.....	10	8							10	8	18	0 47
Glass, Window.....	10								10		10	0 89
Glassware.....	2								2		2	0 18
Hay, Pressed.....												



No. 20.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
	All other Goods and Merchandise not enumerated.....	339	297							339	297	636
Bark.....	138								138		138	3 85
Barrels, Empty.....	39	13							39	13	52	2 68
Boat Knees.....	5,554	1,320							5,554	1,320	6,874	143 65
Floata.....	64,428	7,068							64,428	7,068	71,496	1,299 83
Firewood, in Vessels.....	540	1,116							540	1,116	1,656	34 51
do Rafts.....												
Hoops.....	1,049								1,049		1,049	76 50
Hop Poles.....	10,855	1,075							10,855	1,075	11,930	390 84
Lumber, Sawn, in Vessels.....	79	7							79	7	86	2 63
do Rafts.....												
Masts, Spars, and Telegraph Poles, in Vessels.....												
Masts, Spars, and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	3,446								3,446		3,446	231 13
do Rafts.....		9								9	9	0 75
Saw Logs.....	3,340	1,056							3,340	1,056	4,396	108 26
Staves and Headings, Barrel.....		683								683	683	35 55
do do Pipe.....												
do do West India.....												
Staves, Salt Barrel.....	65	12							65	12	77	15 21
Shingles.....	102								102		102	15 90
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails, in Rafts.....	2								2		2	0 19
Timber, Square, in Vessels.....	20								20		20	0 19
do Rafts.....	1,060	419							1,060	419	1,479	66 78
Traverses.....	4,760	2,740							4,760	2,740	7,500	64 02



Woodenware and Wood partly manufactured.....	49	113	49	113	162	26 70
Total Freight paying Tolls.....	100,837	24,256	100,837	24,256	125,093	3,340 86
Coal, free, per Order in Council....	2,080		2,080			
Grand Total Freight.....	102,917	24,256	102,917	24,256	127,173	
Total Tolls on Vessels.....						
do Passengers.....						1,544 47
do Free Coal.....						60 91
Wharfrage and Storage.....						145 85
Fines and Damages.....						167 00
Wintersage.....						
Total Revenue, exclusive of Hydraulic Rents.....						
						5,259 09

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.—CANALS!

No. 30.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the amount of Revenue collected, during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<p>This Canal being closed for enlargement, no business has been done on it during this year.</p>												
<p>INLAND REVENUE DEPARTMENT, OTTAWA, 31st July, 1877.</p>												
<p>A. BRUNEL, Commissioner.</p>												

APPENDIX A.—Continued.

No. 31.—GENERAL STATEMENT showing the Quantity of each Article transported through the Newcastle District Canals, and the Amount of Revenue collected, during the Fiscal Year ended 30th June, 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Iron Ore.....	3,682								3,682		3,682	36 82
Bark.....	84								84		84	15 25
Floats.....	80								80		80	1 50
Firewood, in Vessels.....	9,303								9,303		9,303	155 05
Lumber, Sawn, in Vessels.....	13,777								13,777		13,777	82 42
Railway Ties.....	50								50		50	3 50
Saw Logs.....	15,740								15,740		15,740	60 81
Shingles.....	22								22		22	3 08
Split Posts and Fence Rails.....	57								57		57	8 38
Timber, Square.....	1,043								1,043		1,043	11 84
Traverses.....	40								40		40	0 50
Total Freight paying Tolls.....	43,878								43,878		43,878	379 15
Total Tolls on Vessels.....												284 50
Other Receipts.....												13
Total Revenue exclusive of Hydraulic ents.....												\$663 78

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

A. BRUNEL,  
Commissioner.

## APPENDIX

## No. 32.—STATEMENT of Traffic on the undermentioned Canals, and the

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		¢ cts.
Canadian Vessels, steam.....	136,748	3,014 41	419,066	5,106 19	65,487	320 79
United States Vessels, steam	156,298	3,889 77	32,217	311 64	79	1 69
Canadian Vessels, sail .....	491,203	9,808 71	783,127	8,099 68	75,285	1,238 32
United States Vessels, sail..	432,310	9,615 44	106,756	1,224 68	94,629	1,331 86
<b>Total, Class No. 1.....</b>	<b>1,216,659</b>	<b>26,328 33</b>	<b>1,341,166</b>	<b>14,742 19</b>	<b>235,380</b>	<b>2,892 56</b>
<i>Class No. 2.</i>						
Passengers .....	13,293	406 73	61,637	2,901 63	5,484	94 63
<i>Class No. 3.</i>						
Bricks .....	450	75 50	3,228	197 70	5,867	549 73
Cement and Water Lime.....	100	15 70	5,100	646 42		
Clay, Lime and Sand .....	1,108	134 61	7,365	334 67	3,005	290 77
Coal .....	324,785	62,957 27	36,374	5,355 47	110,720	11,031 54
Fish .....	545	108 50	1,611	168 90		
Gypsum.....	601	43 55	3,390	141 43		
Iron, Railway.....	3,767	753 40	19,073	2,457 97	1,207	120 70
do Pig.....	1,925	299 03	15,565	1,773 93	19	3 55
do all other.....	4,355	824 73	9,074	1,020 08	976	110 40
Salt .....	23,188	4,629 83	9,887	1,180 10	1,849	161 71
Stone, for cutting.....	7,718	1,521 76	2,380	303 33	2,998	299 80
Apples.....	1,204	72 35	9,550	1,356 89	777	77 30
Barley .....	22,293	4,396 62	7,178	553 03	4,078	377 31
Corn.....	169,233	33,846 60	43,515	4,289 71	11	0 37
Cotton, Raw .....						
Flax and Hemp.....	18	3 60	26	3 90		
Flour.....	14,968	1,401 94	18,408	2,481 99	627	31 45
Hay, Pressed.....	160	21 10	789	56 77	1,380	103 05
Meals, all kinds .....	609	46 55	968	105 02	58	5 60
Oil Cake.....	4	0 80	4	0 49		
Oats.....	13,066	2,595 28	14,964	750 38	1,134	49 48
Pease.....	319	63 80	21,250	1,892 91	1,036	34 55
Potatoes.....	646	74 99	1,875	191 69	381	36 49
Rye.....	1,531	300 25	2	0 22		
Seeds, all kinds .....	39	7 80	42	5 32		
Tobacco, Raw.....	30	6 00	26	3 67		
Wheat.....	182,698	34,699 16	54,466	7,131 72		
All other Agricultural Pro- ducts, Vegetable.....	547	70 53	1,398	166 98	814	27 69
Bones.....			756	92 88	1,299	129 90
Cattle.....	8	1 60	1,106	77 51	165	5 68
Hogs.....	2	0 40	187	11 53		
Hides and Skins, Horns and Hoofs.....	82	12 91	320	22 88	93	9 30
Horses.....	84	16 51	483	37 55	70	2 51
Lard and Lard Oil.....	63	12 60	129	15 80		
Meats, other than Pork .....	32	6 40	83	11 99		
Pork.....	587	117 40	517	46 65		
Sheep.....	1	20	486	33 44	269	9 09

A.—Continued.

Amount of Tolls collected during the Fiscal Year ended 30th June, 1877.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
147,049	2,941 30	77,540	557 64	38,316	489 86			16,963	236 00
422	8 44			104	1 50				
74,153	741 63	219,251	2,964 21	113,734	1,000 63			9,700	48 50
10,128	101 28	69,910	1,471 99	6,221	52 48				
231,752	3,792 65	366,703	4,993 84	158,375	1,544 47			26,663	284 50
22,273		41,230	382 07	2,458	60 91				
164		2	0 06	416	15 80				
93		902	59 77	391	31 27				
681		812	58 55	318	14 35				
58,543				2,114	101 26				
220		18	0 54	110	2 82				
3				18	0 47				
3,918		25	0 63						
4,818				118	2 96				
1,976		168	12 43	565	20 07				
487		34	1 60	1,168	33 78				
1,760		5,329	490 51	113	2 84				
1,929		21	0 91	161	5 06				
2,421		622	39 57	57	1 44				
				232	7 01				
5,739		169	8 17	324	9 34				
163		666	60 79	534	25 99				
				3	0 08				
464		756	47 29	805	86 85				
2,010		2,359	155 28	45	4 83				
85		332	23 03	39	1 46				
				81	3 17				
26		10	0 70						
27				6	0 16				
3,118				319	11 10				
27		52	2 61	162	8 05				
		16	1 29	88	14 12				
6		388	25 95	1	0 03				
		62	4 28						
26		42	3 59	51	1 92				
54		248	12 67	2	0 15				
16		1	0 03	11	0 30				
7				3	0 15				
66		58	3 05	44	2 06				
		204	14 09						

## No. 32.—STATEMENT of Traffic on the

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 3.—Continued.</i>		\$ cts.		\$ cts.		\$ cts.
Tallow .....	29	5 80	63	7 64	.....	.....
Wool .....	339	70 60	151	18 02	15	50
All other Agricultural Pro- ducts, Animal.....	235	27 00	2,455	293 84	161	5 75
Total Class No. 3.....	777,369	149,242 66	295,694	33,150 22	139,009	13,474 20
<i>Class No. 4.</i>						
Ashes, Pot and Pearl .....	157	35 85	1,985	292 85	1,599	159 90
Agricultural Implements...	48	18 20	215	22 01	9	0 44
Baggage.....	16	6 40	806	136 35	12	0 54
Beer.....	77	30 70	269	39 67	.....	.....
Brimstone, Crude.....	.....	.....	4	0 80	.....	.....
Coffee .....	36	14 40	6	1 17	1	0 10
Crockery .....	11	4 40	739	143 68	.....	.....
Dye Woods and Dye Stuffa..	80	32 00	86	7 18	73	7 30
Earthenware .....	100	39 65	662	140 00	.....	.....
Furniture .....	176	60 55	364	46 12	5	0 50
Glassware .....	112	44 80	621	121 33	.....	.....
Glass, Window.....	71	26 30	1,248	248 57	.....	.....
Marble .....	1,833	733 20	171	19 51	131	17 26
Manilla.....	33	13 20	35	8 40	.....	.....
Molasses .....	8	3 20	4,593	332 01	3,652	364 74
Nails .....	555	215 40	4,308	967 35	.....	.....
Oil, in Barrels.....	1,114	445 25	1,443	206 81	398	39 80
Paint .....	162	64 45	270	50 10	40	4 00
Pitch and Tar.....	5	2 00	1,137	75 34	915	91 50
Rags.....	62	14 60	745	82 87	70	7 00
Rosin .....	24	6 10	1,496	90 35	1,433	143 30
Soda Ash.....	189	63 40	1,017	189 53	.....	.....
Steel.....	14	3 85	131	26 32	1	0 10
Sugar.....	249	85 05	2,812	559 87	80	8 00
Stone, wrought.....	794	310 70	192	34 45	39	2 91
Tin .....	31	9 25	495	101 26	.....	.....
Turpentine.....	.....	.....	559	29 30	517	51 70
Vinegar.....	3	1 20	238	46 14	.....	.....
White Lead.....	83	27 95	131	34 31	.....	.....
Whiting .....	53	15 65	112	22 71	.....	.....
Whiskey and all other Spirits .....	741	281 10	1,047	185 53	.....	.....
Merchandise, not enumer- ated .....	4,872	1,707 25	13,244	1,994 27	1,686	164 06
Total, Class No. 4.....	11,709	4,316 05	41,181	6,256 16	10,661	1,063 14
<i>Class No. 5.</i>						
Bark .....	40	4 00	78	3 13	.....	.....
Barrels, Empty.....	927	179 33	976	120 91	1	0 18
Boat Knees.....	.....	.....	.....	.....	.....	.....
Floats.....	70	0 25	7,356	128 76	.....	.....
Firewood, in Vessels.....	62,084	3,117 89	62,430	1,926 44	840	21 56
do Rafts.....	.....	.....	207	4 32	.....	.....
Lumber, Sawed, in Vessels...	100,857	16,339 83	77,221	5,751 72	43,075	2,519 45

undermentioned Canals, &c.—Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canals.		St. Peter's Canals.		Newcastle District Canals.	
Tons.	Toll..	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
2	.....	1	0 07	5	0 32	.....	.....	.....	.....
43	.....	5	0 42	6	0 16	.....	.....	.....	.....
1,227	.....	379	26 26	1,335	98 32	.....	.....	.....	.....
90,319	.....	13,679	1,053 94	9,645	507 69	.....	.....	.....	.....
794	.....	84	13 11	70	14 28	.....	.....	.....	.....
86	.....	10	0 95	78	9 00	.....	.....	.....	.....
130	.....	297	21 06	7	0 71	.....	.....	.....	.....
25	.....	100	5 00	12	1 15	.....	.....	.....	.....
45	.....	.....	.....	4	45	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....
386	.....	3	0 15	24	2 29	.....	.....	.....	.....
27	.....	62	8 19	73	8 10	.....	.....	.....	.....
688	.....	5	0 50	2	0 18	.....	.....	.....	.....
132	.....	3	0 15	10	0 89	.....	.....	.....	.....
78	.....	1	0 05	1	0 09	.....	.....	.....	.....
8	.....	3	0 39	8	0 72	.....	.....	.....	.....
697	.....	2	0 38	38	3 37	.....	.....	.....	.....
1,407	.....	25	1 25	97	9 05	.....	.....	.....	.....
320	.....	9	0 45	114	12 43	.....	.....	.....	.....
68	.....	.....	.....	3	0 27	.....	.....	.....	.....
33	.....	73	13 56	110	9 65	.....	.....	.....	.....
41	.....	12	1 64	33	8 71	.....	.....	.....	.....
271	.....	.....	.....	.....	.....	.....	.....	.....	.....
187	.....	.....	.....	4	0 35	.....	.....	.....	.....
20	.....	.....	.....	2	0 18	.....	.....	.....	.....
911	.....	21	1 10	241	22 64	.....	.....	.....	.....
.....	.....	1	0 05	26	3 36	.....	.....	.....	.....
73	.....	.....	.....	8	0 72	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....
249	.....	1	0 05	5	0 80	.....	.....	.....	.....
32	.....	.....	.....	1	0 09	.....	.....	.....	.....
53	.....	.....	.....	1	0 09	.....	.....	.....	.....
363	.....	29	1 50	91	9 07	.....	.....	.....	.....
4,598	.....	786	50 14	636	65 66	.....	.....	.....	.....
11,757	.....	1,527	119 67	1,699	184 30	.....	.....	.....	.....
39	.....	149	18 70	138	3 95	.....	.....	84	15 25
.....	.....	.....	.....	52	2 68	.....	.....	.....	.....
.....	.....	6,965	89 39	6,874	143 65	.....	.....	80	1 50
548	.....	148,303	4,862 08	71,496	1,299 83	.....	.....	9,303	155 05
.....	.....	791	16 43	1,656	34 51	.....	.....	.....	.....
1,533	.....	328,503	30,090 17	11,930	390 84	.....	.....	13,777	82 42

## No. 32.—STATEMENT of Traffic on the

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Lumber, Sawn, in Rafts .....	188	16 08	24,408	1,098 40		
Hoops .....	214	53 41	124	13 39	54	7 35
Railway Ties, in Vessels .....	1,104	176 02	515	11 76	267	14 17
do Rafts .....	13	1 00				
Masts, Spars and Telegraph Poles, in Vessels .....			52	2 60		
Masts, Spars and Telegraph Poles, in Rafts .....			15,714	328 20	96	6 60
Square Timber, in Vessels .....	86,134	12,850 62	5,861	293 25	10	0 17
do Rafts .....	2,804	416 80	17,717	471 25	485	48 44
Woodenware and Wood, partly manufactured .....	243	70 60	496	161 35		
Shingles .....	268	127 39	24	4 88	24	4 92
Split Posts and Fence Rails, in Vessels .....			10	2 70	7	0 47
Split Posts and Fence Rails, in Rafts .....						
Saw Logs .....	6,632	295 25	17,451	398 80		
Staves and Headings, Barrel do Pipe .....	38	6 00	589	46 75		
do W. India .....	7,940	1,490 72	1,834	230 40		
do Salt Barrel .....	2,947	574 03	1,334	200 40		
Traverses .....	38	5 40				
Hop Poles .....			14,308	37 23	20	0 40
	234	28 00	635	24 00		
<b>Total, Class No. 5 .....</b>	<b>272,775</b>	<b>35,752 62</b>	<b>249,340</b>	<b>11,260 64</b>	<b>44,879</b>	<b>2,623 71</b>
<i>Special Class.</i>						
Kryolite or Chemical Ore .....	91	4 55	1,401	70 05		
Iron Ore .....	22,296	1,114 80			10,212	510 60
Stone, unwrought, not suitable for cutting .....	16,549	934 09	2,385	103 05		
Ice .....	60	3 00				
<b>Total, Special Class .....</b>	<b>38,996</b>	<b>2,056 44</b>	<b>3,786</b>	<b>173 10</b>	<b>10,212</b>	<b>510 60</b>
<b>Total Freight and Tolls .....</b>	<b>1,100,849</b>	<b>218,102 83</b>	<b>590,001</b>	<b>68,483 94</b>	<b>204,761</b>	<b>20,658 84</b>
Timber and other Wood, Free .....						
Wheat, Corn, Flour, Iron, Salt, Coal, &c., &c., Free .....	25,580	3,921 55	277,782	32,276 05	7,836	778 60
<b>Grand Totals, (Passengers and Tonnage of Vessels not included) .....</b>	<b>1,126,429</b>	<b>222,024 38</b>	<b>867,783</b>	<b>100,759 99</b>	<b>212,597</b>	<b>21,437 44</b>

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



undermentioned Canals, &c.—Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
		46,429	1,374 96	86	2 63				
		21	2 10						
894		1,324	182 25	3,446	231 13			50	3 50
		70	2 63	9	0 75				
250									
3									
1,960				20	0 19				
8,140		2,484	35 57	1,479	66 78			1,043	11 84
22		11	2 00	162	26 70				
233		163	51 81	77	15 21			22	3 08
				102	15 90			57	8 38
		1	0 13	2	0 19				
		1,633	39 50	4,396	108 26			15,740	60 81
		125	7 95	683	35 55				
114									
204									
		1,327	7 02	7,500	64 02			40	0 50
				1,049	78 50				
13,940		538,299	36,782 69	111,167	2,519 27			40,196	342 33
		50	2 50	2,592	129 60			3,682	36 82
		50	2 50	2,592	129 60			3,682	36 82
116,016	3,792 65	553,555	43,334 71	125,093	4,946 24			43,878	663 65
		550	37 90	2,080	53 29				
116,016	3,792 65	554,105	43,372 61	127,173	4,999 53			43,878	663 65

A. BRUNEL,  
Commissioner.

## APPENDIX

No. 33.—SUMMARY STATEMENT of Traffic on the undermentioned Canals, of each description of Property passing through,

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
Vessels of all kinds.....	1,216,659	\$ cts. 26,328 33	1,341,166	\$ cts. 14,742 19	235,380	\$ cts. 2,892 56
Passengers.....	No. 13,293	406 73	No. 61,367	2,901 63	No. 5,484	94 63
<i>Forest, Produce of Wood.</i>	Tons.		Tons.		Tons.	
Bark.....	40	4 00	78	3 13		
Boat Knees.....						
Floats.....	70	0 25	7,356	128 76		
Firewood.....	62,084	3,117 89	62,637	1,930 76	840	21 56
Hoops and Hop Poles.....	448	81 41	759	37 39	54	7 35
Lumber, Sawed.....	101,045	16,355 91	101,629	6,850 12	43,075	2,519 45
Masts, Spars, &c.....			15,766	330 80	96	6 60
Railway Ties.....	1,117	177 02	515	11 76	267	14 17
Saw Logs.....	6,632	295 25	17,451	398 80		
Staves, all kinds.....	10,963	2,076 15	3,757	477 55		
Shingles.....	268	127 39	24	4 88	24	4 92
Split Posts and Rails.....			10	2 70	7	0 47
Timber Square.....	88,938	13,267 42	23,578	764 50	495	48 61
Traverses.....			14,308	37 23	20	0 40
<b>Total.....</b>	<b>271,605</b>	<b>35,502 69</b>	<b>247,868</b>	<b>10,978 38</b>	<b>44,878</b>	<b>2,623 53</b>
<i>Farm Stock.</i>						
Cattle.....	8	1 60	1,106	77 51	165	5 68
Hogs.....	2	0 40	137	11 53		
Horses.....	84	16 51	483	37 55	70	2 51
Sheep.....	1	20 00	486	33 44	269	9 09
<b>Total.....</b>	<b>95</b>	<b>18 71</b>	<b>2,212</b>	<b>160 03</b>	<b>504</b>	<b>17 28</b>
<i>Produce of Animals.</i>						
Bones.....			756	92 88	1,299	129 90
Horns and Hoofs, Hides and Skins, Raw.....	82	12 91	320	22 88	93	9 30
Lard and Lard Oil.....	63	12 60	129	15 80		
Meats, other than Pork.....	32	6 40	83	11 99		
Pork.....	587	117 40	517	46 65		
Tallow.....	29	5 80	63	7 64		
Wool.....	339	70 60	151	18 02	15	0 50
Agricultural Products not enumerated, Animal.....	235	27 00	2,455	293 84	161	5 75
<b>Total.....</b>	<b>1,367</b>	<b>252 71</b>	<b>4,474</b>	<b>509 70</b>	<b>1,568</b>	<b>145 45</b>

A.—Continued.

during the Fiscal Year ended 30th June, 1877, showing the total Quantity and the Amount of Tolls collected thereon.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
231,752	3,792 65	366,703	4,993 84	158,375	1,544 47			26,663	284 50
No. 22,273		No. 41,230	382 07	No. 2,458	60 91	No.		No.	
Tons.		Tons.		Tons.		Tons.		Tons.	
				138	3 95			84	15 25
		6,965	89 39	6,874	143 65			80	1 50
548		149,094	4,878 51	73,152	1,334 34			9,303	155 05
		21	2 10	1,049	76 50				
1,533		374,932	31,465 13	12,016	393 47			13,777	82 42
253									
894		1,394	184 88	3,455	231 88			50	3 50
		1,633	39 50	4,396	108 26			15,740	60 81
318		125	7 95	683	35 55				
233		163	51 81	77	15 21			22	3 08
		1	0 13	104	16 09			57	8 38
10,100		2,484	35 57	1,499	66 97			1,043	11 84
		1,327	7 02	7,500	64 02			40	0 50
13,879		538,139	36,761 99	110,943	2,489 89			40,196	342 33
6		388	25 95	1	0 03				
		62	4 28	2	0 15				
54		248	12 67						
		204	14 09						
60		902	56 99	3	0 18				
		16	1 29	88	14 12				
26		42	3 59	51	1 92				
16		1	0 03	11	0 30				
7				3	0 15				
66		56	3 05	44	2 06				
2		1	0 07	5	0 32				
43		5	0 42	6	0 16				
1,227		379	26 26	1,335	68 32				
1,387		500	34 71	1,543	117 35				

## No. 83.—SUMMARY STATEMENT of Traffic on

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Agricultural Products.</i>		\$ cts.		\$ cts.		\$ cts.
Agricultural Products not enumerated, Vegetable....	547	70 53	1,398	166 98	814	27 69
Apples .....	1,204	72 35	9,550	1,356 89	777	77 30
Barley .....	22,293	4,396 62	7,178	553 03	4,078	377 31
Cotton, Raw .....						
Corn .....	169,233	33,846 60	43,515	4,289 71	11	0 37
Flax and Hemp .....	18	3 60	26	3 90		
Flour .....	14,968	1,401 94	18,408	2,481 99	627	31 45
Hay, Pressed .....	160	21 10	789	56 77	1,380	103 05
Meals, all kinds .....	609	46 55	968	105 02	58	5 60
Manilla .....	33	13 20	35	8 40		
Oats .....	13,066	2,595 28	14,964	750 38	1,134	49 46
P-rase .....	319	63 80	21,250	1,802 91	1,036	34 55
Potatoes .....	646	74 99	1,375	191 59	381	36 49
Rye .....	1,531	300 25	2	0 22		
Seeds, Flax, Clover and Grass .....	39	7 80	42	5 32		
Tobacco, Raw .....	30	6 00	26	3 67		
Wheat .....	182,698	34,699 16	54,466	7,131 72		
<b>Total .....</b>	<b>407,394</b>	<b>77,619 77</b>	<b>173,992</b>	<b>18,908 50</b>	<b>10,296</b>	<b>743 27</b>
<i>Manufactures.</i>						
Ashes, Pot and Pearl .....	157	35 85	1,985	292 85	1,599	159 90
Agricultural Implements ..	48	18 20	215	22 01	9	0 44
Barrels, Empty .....	927	179 33	976	120 91	1	0 18
Bricks .....	450	75 50	3,228	197 70	5,867	549 73
Beer .....	77	30 70	269	39 67		
Cement and Water Lime ..	100	15 70	5,160	646 42		
Crockery .....	11	4 40	739	143 68		
Earthenware .....	100	39 65	662	140 00		
Furniture .....	176	60 55	364	46 12	5	0 50
Glass, Window .....	71	26 30	1,248	248 57		
Glassware .....	112	44 80	621	121 33		
Iron, Railway .....	3,767	753 40	19,073	2,457 97	1,207	120 70
Iron, Pig .....	1,925	299 02	15,565	1,773 93	19	3 55
do all other .....	4,355	824 73	9,074	1,020 08	976	110 40
Molasses .....	8	3 20	4,593	332 01	3,652	364 74
Nails .....	555	215 40	4,308	967 35		
Oil .....	1,114	445 25	1,443	206 81	398	39 80
Oil Cake .....	4	0 80	4	0 49		
Paint .....	162	64 45	270	50 10	40	4 00
Pitch and Tar .....	5	2 00	1,137	75 34	915	91 50
Rosin .....	24	6 10	1,496	90 35	1,433	143 30
Soda Ash .....	189	63 40	1,017	189 53		
Spirits, Whiskey, &c.....	741	281 10	1,047	195 53		
Steel .....	14	3 85	131	26 32	1	0 10
Sugar .....	249	85 05	2,812	559 87	80	8 00
Tin .....	31	9 25	495	101 26		
Turpentine .....			559	29 30	517	51 70
Vinegar .....	3	1 20	238	46 14		
White Lead .....	83	27 85	131	34 31		
Whiting .....	53	15 65	112	22 71		
Woodenware .....	243	70 60	496	161 35		
<b>Total .....</b>	<b>15,754</b>	<b>3,703 38</b>	<b>79,408</b>	<b>10,350 01</b>	<b>16,719</b>	<b>1,648 54</b>

the undermentioned Canals, &c.—Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
27		52	2 61	162	8 05				
1,929		21	0 91	161	5 06				
2,421		622	39 57	57	1 44				
				232	7 01				
5,739		169	8 17	324	9 34				
163		666	60 79	534	25 99				
8		3	0 39	8	0 72				
464		756	47 29	806	86 85				
2,010		2,359	155 28	45	4 83				
85		332	23 03	39	1 46				
				81	3 17				
26		10	0 70						
27				6	0 16				
3,118				319	11 10				
16,017		4,990	338 74	2,773	165 18				
794		84	13 11	70	14 28				
86		10	0 95	78	9 00				
39		149	18 70	52	2 68				
164		2	0 06	416	15 80				
25		100	5 00	12	1 15				
93		902	59 77	391	31 27				
45				4	0 45				
386		3	0 15	24	2 29				
27		62	8 19	73	8 10				
132		3	0 15	10	0 89				
688		5	0 50	2	0 18				
3,918		25	0 63						
4,818				118	2 96				
1,976		168	12 43	565	20 07				
697		2	0 38	38	3 37				
1,407		25	1 25	97	9 05				
320		9	0 45	114	12 43				
				3	0 08				
68				3	0 27				
33		73	13 56	110	9 65				
271									
187				4	0 35				
363		29	1 50	91	9 07				
20				2	0 18				
911		21	1 10	241	22 64				
73				8	0 72				
21									
249		1	0 05	5	0 80				
32				1	0 09				
53				1	0 09				
22		11	2 00	162	26 70				
17,918		1,684	139 93	2,695	204 61				

## No. 33.—SUMMARY STATEMENT of Traffic on

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.		\$ cts.
<i>Merchandise.</i>						
Brimstone, Crude .....			4	0 80		
Baggage .....	16	6 40	806	136 35	12	0 54
Clay, Lime and Sand .....	1,108	134 61	7,365	334 57	3,005	200 77
Coal .....	324,785	62,957 27	38,374	5,355 47	110,720	11,031 54
Coffee .....	36	14 40	6	1 17	1	0 10
Dye Woods and Dye Stuffs..	80	32 00	86	7 18	73	7 30
Fish .....	545	108 50	1,611	168 90		
Gypsum .....	601	43 55	3,390	141 43		
Ores, all kinds .....	22,387	1,119 35	1,401	70 05	10,212	510 60
Marble .....	1,833	733 20	171	19 51	131	17 26
Rags .....	62	14 60	745	82 87	70	7 00
Salt .....	23,188	4,629 83	9,887	1,180 10	1,849	161 71
Stone, all kinds .....	25,061	2,766 55	4,957	440 83	3,037	302 71
All other Goods and Merchandise, not enumerated	4,932	1,710 25	13,244	1,994 27	1,696	164 05
Total .....	404,634	74,270 51	82,047	9,933 50	130,796	12,493 58
Grand Totals (Passengers and Tonnage of Vessels not included) .....	1,100,849	218,102 83	590,061	68,483 94	204,761	20,658 84

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

the undermentioned Canals, &c.—*Continued.*

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
130		297	21 06	7	0 71				
881		812	58 35	318	14 35				
58,543				2,114	101 26				
14									
220		18	0 54	110	2 82				
3				18	0 47				
		50	2 50	2,592	129 60			3,682	36 82
78		1	0 05	1	0 09				
41		12	1 64	33	8 71				
487		34	1 60	1,168	33 78				
1,760		5,330	490 56	139	6 20				
4,598		786	50 14	636	65 66				
66,755		7,340	626 44	7,136	363 65			3,682	36 82
116,016	3,792 65	553,555	43,334 71	125,093	4,946 24			43,878	663 65

A. BRUNEL,  
*Commissioner.*

APPENDIX A.—Continued.

No. 34—STATEMENT showing the amount of Tolls accrued each month during the Fiscal Year ended 30th June, 1877.

Canals and Offices.	1876						1877.						Total.
	July.	August.	Sept.	Oct.	Nov.	Dec.	April.	May.	June.	June.			
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
<i>Welland Canal.</i>													
Chippawa.....	5 28	2 34	51 80	14 50	11 30	.....	0 25	3 10	23 05	23 05	111 62		
Colborne.....	20,634 16	25,442 65	22,334 98	15,308 25	17,398 44	160 01	4,329 44	21,725 94	22,007 69	22,007 69	149,339 46		
Darhousie.....	6,381 19	9,035 23	8,420 53	10,336 48	6,081 70	231 35	2,420 55	10,333 71	9,062 36	9,062 36	62,303 09		
Dunville.....	46 05	76 07	0 25	26 10	135 09	.....	31 70	100 39	34 19	34 19	62,449 84		
Maitland.....	200 93	112 55	99 93	220 07	212 37	.....	114 14	238 93	151 76	151 76	1,350 57		
Robinson.....	298 56	267 61	388 56	326 53	288 13	46 50	278 43	288 60	291 91	291 91	2,474 88		
St. Catharines.....	260 75	224 00	293 98	389 83	153 60	0 25	148 87	269 70	334 39	334 39	2,073 37		
Total, Welland Canal.....	27,826 92	35,160 45	31,588 81	26,621 76	24,278 63	437 11	7,323 43	32,960 37	31,905 35	31,905 35	218,102 83		
<i>St. Lawrence Canals.</i>													
Beauharnois.....	215 90	316 78	342 83	570 74	342 70	.....	.....	211 08	239 07	239 07	2,239 09		
Cornwall.....	3,500 55	4,030 71	3,217 30	4,870 46	2,057 40	3 05	.....	1,755 28	2,818 32	2,818 32	22,253 07		
Edwardsburg.....	71 23	139 22	50 00	97 10	73 62	8 02	.....	147 51	39 88	39 88	676 58		
Kingston.....	1,152 08	2,224 12	932 57	1,853 33	515 71	.....	.....	2,328 58	2,080 13	2,080 13	11,086 58		
Lachne.....	456 07	746 89	777 40	901 19	314 85	.....	.....	262 23	268 73	268 73	3,737 36		
Montreal.....	5,498 19	5,082 94	4,060 31	4,301 98	2,861 28	.....	.....	2,862 05	3,884 51	3,884 51	28,551 26		
Total, St. Lawrence Canals.....	10,894 02	12,540 66	9,380 40	12,594 80	6,165 56	11 07	.....	7,566 79	9,330 64	9,330 64	68,483 94		
<i>Chambly Canals.</i>													
Chambly.....	689 76	736 17	455 49	773 01	995 06	.....	.....	477 51	552 41	552 41	4,659 41		
St. Johns.....	3,170 68	1,866 18	1,777 99	2,174 70	1,836 76	.....	.....	2,479 81	2,057 45	2,057 45	15,363 57		
St. Ours.....	80 13	68 26	74 26	78 45	103 16	.....	33 55	84 03	114 02	114 02	635 86		
Total, Chambly Canals.....	3,920 57	2,670 61	2,307 74	3,026 16	2,934 98	.....	33 55	3,041 35	2,723 88	2,723 88	20,668 84		



	688 73	647 04	453 64	453 60	302 54	14 10	82 97	526 62	624 41	3,792 65
<i>Burlington Bay Canal.</i>										
Hamilton.....										
<i>Ottawa Canals.</i>										
Ottawa.....	3,512 66	3,200 60	2,403 37	2,146 35	1,720 25			2,885 43	5,466 44	21,335 09
Carillon.....	206 66	441 27	105 19	101 64	111 88			42 82	74 16	1,086 59
Grenville.....	2,630 00	2,763 99	2,548 07	2,849 87	2,184 02		2 97	2,267 08	2,687 57	17,935 60
St. Anne's.....	398 74	491 87	436 79	721 64	403 96		17 00	216 89	230 54	2,977 43
Total, Ottawa Canals.....	6,748 06	6,902 73	5,493 42	5,819 50	4,420 11		19 97	5,412 21	8,518 71	43,334 71
<i>Rideau Canal.</i>										
Kingston Mills.....	378 40	309 43	285 73	336 27	254 28		2 75	375 06	467 73	2,409 65
Ottawa.....	377 77	284 37	234 07	213 96	207 85	71 61		277 14	235 23	1,902 00
Smith's Falls.....	91 29	46 93	88 10	123 82	43 53			116 58	124 34	634 59
Total, Rideau Canal.....	847 46	640 73	607 90	674 05	505 66	71 61	2 75	768 78	827 30	4,916 24
<i>St. Peter's Canal.</i>										
St Peters.....										
<i>Newcastle District Canals.</i>										
Doboygeon.....	41 71	61 08	34 88	71 39	14 00			16 82	74 92	314 80
Peterborough.....	42 00	59 00	39 50	12 00	3 50		3 50	32 50	1 50	193 50
Hastings.....	12 53	42 39	70 31	29 12					1 00	155 35
Total Newcastle District Canals.....	96 24	162 47	144 69	112 51	17 50		3 50	49 32	77 42	663 65
Grand Total.....	51,022 00	58,724 69	49,976 60	49,302 38	38,624 98	533 89	7,466 17	50,324 44	51,007 71	359,982 80

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

**APPENDIX A.—Continued.**  
**No. 35.—STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through all the Cana's. during the Fiscal Year ended 30th June, 1877, and the Tolls collected thereon.**

Vessels.	Total Number	From Canadian Ports.		From United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<i>Welland Canal.</i>											
Canadian Vessels, steam sail....	639	55,655	27,960	13,932	.....	.....	39,211	69,587	67,161	136,748	3,014 41
do .....	2,297	117,787	74,037	122,171	4,298	193	5,189	245,340	245,363	491,203	9,808 71
Total Canadian .....	2,936	173,442	101,987	136,103	4,298	193	5,189	314,927	313,024	627,951	12,823 12
<i>United States Vessels, steam</i>											
do .....	454	304	327	12	537	76,919	421	77,656	76,742	156,398	3,889 77
United States Vessels, sail .....	1,541	1,622	649	27,343	2,618	184,334	113,541	3,820	217,124	215,186	9,615 41
Total United States ...	1,995	1,926	976	27,360	3,155	261,253	190,021	4,241	293,928	568,708	13,505 21
Grand Total, Welland Canal .....	4,931	175,368	102,963	163,463	7,453	261,446	190,272	9,430	609,707	1,216,659	26,328 33
<i>St. Lawrence Canals.</i>											
Canadian Vessels, steam sail....	3,149	235,090	164,067	5,758	463	244	.....	.....	211,092	177,874	5,106 19
do .....	5,215	461,263	309,319	2,750	497	.....	25	312	464,323	318,802	8,099 68
Total Canadian .....	8,424	696,353	473,386	8,508	960	244	25	312	705,417	496,776	13,205 87
<i>United States Vessels, steam</i>											
do .....	538	439	535	6,886	66	7,670	8,116	324	15,289	16,928	311 64
United States Vessels, sail.....	1,111	5,516	10,439	11,529	6,744	281	314	59,755	77,081	29,675	1,224 68
Total United States ...	1,649	5,955	10,974	18,385	6,810	7,951	8,430	60,079	92,370	46,603	1,538 32
Grand Total, St. Lawrence Canals.....	10,073	702,308	484,360	26,893	7,770	8,195	8,455	60,391	797,787	543,379	14,742 19

<i>Chambly Canal.</i>														
Canadian Vessels, steam	527	31,399	32,628	270						1,290	31,669	33,818	65,487	330 79
do sail...	888	15,902	13,604	9,132					81	36,563	25,118	50,167	75,265	1,238 32
Total Canadian .....	1,415	47,301	46,132	9,402					81	37,853	56,787	83,985	140,772	1,569 11
United States Vessels, steam	2			39					40		39	40	79	1 59
United States Vessels, sail	1,150	129	280	18,510				4,372		71,238	18,659	75,890	91,539	1,331 86
Total United States .....	1,152	129	280	18,549				4,412		71,238	18,678	75,930	91,608	1,333 45
Grand Total, Chambly Canal.....	2,567	47,430	46,412	27,951				4,412	84	109,091	75,465	159,915	235,380	2,892 56
<i>Burlington Bay Canal.</i>														
Canadian Vessels, steam	622	73,251	71,817			759			1,322		74,473	72,576	147,049	2,911 30
do sail.....	397	7,020	16,678			21,179			29,047	229	36,067	38,086	71,183	741 63
Total, Canadian.....	1,019	80,271	88,495			21,938			30,269	229	110,540	110,662	221,202	3,652 93
United States Vessels, steam	6					211			211		211	211	422	8 44
United States Vessels, sail.....	56		217			4,637			5,274		5,274	4,854	10,128	101 28
Total, United States.....	62		217			4,848			5,485		5,485	5,065	10,550	109 72
Grand Total, Burlington Bay Canal.....	1,081	80,271	88,712			26,786			35,764	229	116,025	115,727	231,752	3,793 65
<i>Ottawa Canals.</i>														
Canadian Vessels, steam	1,662	31,958	45,003			579					31,978	45,582	77,540	557 64
do sail.....	2,711	23,239	167,271			28,683			61		23,300	196,953	219,253	2,984 21
Total, Canadian.....	4,373	55,197	212,274			29,261			61		55,238	241,535	296,793	3,541 85
United States Vessels, steam														
United States Vessels, sail.....	816	8,694	1,951			52,990					14,969	51,941	69,910	1,471 99
Total United States.....	846	8,681	1,951			52,990					14,969	51,941	69,910	1,471 99
Grand Total, Ottawa Canals .....	5,219	63,881	214,225			82,251			6,346		70,227	296,476	366,703	4,993 84

No. 85.—STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—Continued.

Vessels.	Total Number.	From Canadian Ports.		From United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cis.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<i>Rideau Canal.</i>											
Canadian Vessels, steam sail...	875	16,593	21,723	.....	.....	.....	.....	16,593	21,723	38,316	489 86
do	1,951	50,048	63,688	.....	.....	.....	.....	50,018	63,686	113,734	1,000 63
Total, Canadian.....	2,826	66,641	85,409	.....	.....	.....	.....	66,641	85,409	152,050	1,490 49
<i>United States Vessels, steam</i>											
.....	6	52	52	.....	.....	.....	.....	52	52	104	1 50
<i>United States Vessels, steam</i>											
.....	80	850	5,371	.....	.....	.....	.....	850	5,371	6,221	52 48
Total, United States....	86	902	5,423	.....	.....	.....	.....	902	5,423	6,325	53 98
Grand Total, Rideau Canal.....	2,912	67,543	90,832	.....	.....	.....	.....	67,543	90,832	158,375	1,544 47
<i>St. Peter's Canal.</i>											
Canadian Vessels, steam sail...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, Canadian.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Newcastle District Canals.</i>											
Canadian Vessels, steam sail...	433	8,654	8,309	.....	.....	.....	.....	8,654	8,309	16,963	236 00
do	97	900	8,800	.....	.....	.....	.....	900	8,800	9,700	48 50
Total, Canadian.....	530	9,554	17,109	.....	.....	.....	.....	9,554	17,109	26,663	284 50

RECAPITULATION.

<b>CANADIAN VESSELS.</b>													
<i>Steam and Sail.</i>													
Welland.....	2,986	173,442	101,987	136,103	4,298	193	251	5,189	206,438	314,927	313,024	627,951	12,823 12
St. Lawrence.....	8,424	696,353	473,386	8,508	960	244	23	312	22,405	703,417	496,776	1,202,193	13,205 87
Chambly.....	1,415	47,301	46,132	9,402	.....	.....	.....	84	37,853	56,787	83,983	140,773	1,559 11
Burlington Bay.....	1,019	80,271	88,495	21,938	.....	.....	.....	30,269	229	110,540	110,662	221,202	3,682 93
Ottawa.....	4,373	85,197	212,274	29,261	.....	.....	.....	61	.....	55,258	241,535	296,793	3,521 85
Rideau.....	2,826	66,641	85,409	.....	.....	.....	.....	.....	.....	66,641	85,409	152,050	1,490 49
St. Peter's.....	530	9,554	17,109	.....	.....	.....	.....	.....	.....	9,584	17,109	26,663	284 50
Newcastle District.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total, Canadian.....</b>	<b>21,523</b>	<b>1,128,759</b>	<b>1,024,792</b>	<b>154,013</b>	<b>56,457</b>	<b>437</b>	<b>276</b>	<b>35,915</b>	<b>266,975</b>	<b>1,319,124</b>	<b>1,348,900</b>	<b>2,667,624</b>	<b>36,567 87</b>
<b>UNITED STATES VESSELS.</b>													
<i>Steam and Sail.</i>													
Welland.....	1,953	1,926	976	27,360	3,155	261,433	190,021	4,241	99,776	294,780	293,038	583,768	13,505 21
St. Lawrence.....	1,619	5,953	10,974	18,385	6,810	7,951	8,430	60,079	20,369	92,379	46,803	138,973	1,536 32
Chambly.....	1,133	129	280	18,549	.....	.....	4,112	.....	71,233	18,678	75,930	91,608	1,333 45
Burlington Bay.....	63	.....	217	4,848	.....	.....	.....	5,485	.....	5,485	5,065	10,560	109 72
Ottawa.....	846	8,634	1,951	52,990	.....	.....	.....	6,285	.....	14,969	54,941	69,910	1,471 90
Rideau.....	86	902	5,423	.....	.....	.....	.....	.....	.....	902	5,423	6,325	53 98
St. Peter's.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total, United States.....</b>	<b>7,790</b>	<b>17,596</b>	<b>19,821</b>	<b>61,294</b>	<b>67,803</b>	<b>269,204</b>	<b>202,863</b>	<b>76,090</b>	<b>191,403</b>	<b>427,184</b>	<b>481,890</b>	<b>909,074</b>	<b>18,010 67</b>
<b>Grand Total, Canadian and United States.....</b>	<b>27,313</b>	<b>1,146,355</b>	<b>1,044,613</b>	<b>218,307</b>	<b>124,260</b>	<b>269,641</b>	<b>203,139</b>	<b>112,005</b>	<b>459,378</b>	<b>1,746,308</b>	<b>1,830,390</b>	<b>3,576,693</b>	<b>54,578 54</b>

INLAND REVENUE DEPARTMENT  
OTTAWA, 31st July, 1877.

A. BRUNEL,  
Commissioner.





## APPENDIX A.—Continued.

No. 37.—COMPARATIVE STATEMENT of the Tonnage of Vessels and Goods passed through the Canals during the Fiscal Years ended 30th June, 1874, 1875, 1876, 1877 and 1877.

Property and Vessels.	Welland Canal.			St. Lawrence Canals.			Chambly Canal.					
	1874.	1875.	1876.	1877.	1874.	1875.	1876.	1877.	1874.	1875.	1876.	1877.
Property and Vessels.												
Tonnage of Property, Up.....	415,269	325,079	355,327	285,643	142,720	126,796	113,195	133,909	105,144	104,611	71,123	62,293
do Down.....	1,088,481	791,359	741,871	815,206	540,260	547,913	461,624	456,092	169,807	128,084	157,725	142,468
Total Tonnage of Property, Up and Down.....	1,503,750	1,116,418	1,097,198	1,100,849	682,980	674,709	604,719	590,001	274,951	233,695	228,848	204,761
Tonnage of Vessels, Up.....	776,591	591,834	537,616	606,952	797,325	759,418	744,697	797,787	85,988	76,833	82,298	75,465
do Down.....	795,522	585,186	540,188	606,952	580,661	543,216	565,545	543,379	202,894	155,977	159,433	159,915
Total Tonnage of Vessels, Up and Down.....	1,572,113	1,177,020	1,077,804	1,213,904	1,377,986	1,302,634	1,310,242	1,341,166	288,822	232,810	241,731	235,390
Grand Total Tonnage of Property and Vessels, Up and Down.....	3,075,863	2,293,438	2,175,002	2,317,508	2,060,969	1,987,343	1,914,961	1,931,167	563,773	465,505	470,579	440,141



Property and Vessels.	Burlington Bay Canal.			Ottawa Canals.			Nideau Canal.					
	1874.	1875.	1876.	1877.	1874.	1875.	1876.	1877.	1874.	1875.	1876.	1877.
Tonnage of Property, Up.....	100,425	74,154	61,853	83,406	1,728	1,517	1,718	1,648	148,027	130,190	106,108	100,837
do Down.....	97,138	63,579	47,718	32,610	546,952	565,258	438,550	551,907	54,149	49,332	41,058	24,256
Total Tonnage of Property, Up and Down.....	197,563	137,733	109,571	116,016	548,680	666,805	440,298	553,555	202,176	179,522	147,166	125,093
Tonnage of Vessels, Up.....	143,253	129,268	117,788	116,025	58,421	68,267	56,722	70,227	88,796	14,373	83,579	67,543
do Down.....	143,683	129,518	118,627	115,727	298,913	315,880	244,042	296,476	108,356	11,252	100,304	90,832
Total Tonnage of Vessels, Up and Down.....	286,936	258,786	236,415	231,752	357,334	384,147	500,764	366,703	197,152	25,625	183,883	158,375
Grand Total Tonnage of Property and Vessels, Up and Down .....	484,499	396,519	345,986	347,768	906,014	950,952	741,062	920,258	399,328	205,147	331,049	283,468

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

## APPENDIX A.--Continued.

No. 38.—COMPARATIVE STATEMENT showing the Quantity of each Article transported on the Canals, during the Fiscal Years ended 30th June, 1876 and 1877, and the tolls collected thereon.

Articles.	1876.		1877.	
	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.
Ashes, Pot and Pearl .....	5,010	506 84	4,689	515 99
Apples .....	13,252	1,584 00	13,642	1,512 51
Agricultural Products not enumerated, Vegetable .....	2,643	252 18	3,000	275 86
Agricultural Products not enumerated, Animal .....	4,854	359 96	5,792	451 17
Agricultural Implements .....	512	57 65	446	50 60
Barley .....	52,168	8,156 25	36,649	5,367 97
Bricks .....	7,424	405 24	10,127	838 79
Bones .....	1,706	235 04	2,159	238 19
Baggage .....	1,120	151 23	1,268	165 06
Beer .....	808	151 90	483	76 52
Brimstone, Crude .....	4	1 60	4	0 80
Cement and Water Lime .....	3,909	606 01	6,586	753 16
Clay, Lime and Sand .....	13,258	884 45	13,489	832 65
Coal .....	511,875	78,513 81	524,536	79,445 54
Corn .....	135,208	25,748 57	212,991	38,143 69
Cattle .....	1,271	82 96	1,674	110 77
Cotton, Raw .....				
Coffee .....	24	3 55	43	15 67
Crockery .....	614	117 41	799	148 53
Dye Woods and Dye Stuffs .....	240	65 53	253	46 48
Earthenware .....	1,325	218 08	1,175	182 09
Fish .....	4,155	255 21	2,504	280 76
Flax and Hemp .....	57	3 53	44	7 50
Flour .....	45,050	4,702 36	40,235	3,932 89
Furniture .....	517	104 67	707	123 46
Gypsum .....	4,831	250 07	4,012	185 45
Glass, Window .....	1,544	279 18	1,464	275 91
Glassware .....	1,167	132 07	1,428	166 81
Hay, Pressed .....	1,974	182 39	2,329	180 92
Hogs .....	115	9 23	201	16 21
Horses .....	598	42 67	941	69 39
Hides and Skins, Horns and Hoofs .....	435	49 66	614	50 60
Ice .....	13,115	655 75	60	3 00
Iron, Railway .....	41,943	4,508 28	27,990	3,332 70
do Pig .....	27,478	2,371 69	22,445	2,079 46
do all other .....	18,447	2,067 88	17,114	1,987 71
Iron Ore .....	48,634	2,432 70	36,190	1,662 22
Kryolite or Chemical Ore, and other Ore except Iron .....	1,794	89 70	4,134	206 70
Lard and Lard Oil .....	181	18 96	220	28 73
Meals, all kinds .....	3,139	318 79	2,998	243 95
Meats, other than Pork .....	184	25 27	125	18 54
Marble .....	1,151	373 13	2,215	770 11
Manilla .....	160	38 09	87	22 71
Molasses .....	11,817	978 75	8,990	703 70
Nails .....	5,736	920 57	6,392	1,193 05
Oats .....	28,600	3,894 34	31,189	3,529 26
Oil, in Barrels .....	3,888	1,148 18	3,398	704 74
Oil Cake .....	13	1 30	11	1 37
Peas .....	35,213	2,984 85	27,019	2,061 37
Potatoes .....	718	42 93	2,858	327 56
Pork .....	1,085	116 64	1,270	169 16
Paint .....	812	211 52	543	118 82
Pitch and Tar .....	3,235	258 67	2,273	192 05
Rags .....	1,310	132 12	963	114 82

No. 38.—COMPARATIVE STATEMENT showing the Quantity, &amp;c.,—Continued.

Articles.	1876.		1877.	
	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.
Rye.....	771	132 12	1,614	303 64
Rosin.....	2,765	212 92	3,224	239 75
Salt.....	25,961	4,383 00	36,613	6,007 02
Stone, intended for Cutting.....	18,983	1,978 42	20,298	2,618 24
do Wrought.....	1,035	330 50	1,052	351 47
do not suitable for Cutting, unwrought.....	7,284	431 18	18,934	1,037 14
Seeds, all kinds.....	203	18 46	117	13 82
Sheep.....	865	48 16	960	56 82
Soda Ash.....	2,577	580 46	1,397	253 28
Steel.....	397	66 92	168	30 45
Sugar.....	10,803	1,195 53	4,314	676 66
Spirits.....	1,954	510 87	2,271	477 20
Tobacco, Raw.....	79	6 91	89	9 83
Tallow.....	47	5 60	100	13 83
Tin.....	1,018	157 18	607	111 23
Turpentine.....	831	64 35	1,097	81 00
Vinegar.....	557	49 23	496	48 19
Wheat.....	412,514	67,796 44	240,601	41,841 98
White Lead.....	235	46 22	247	62 35
Whiting.....	326	61 78	219	38 45
Wool.....	243	22 70	559	89 70
All other Goods and Merchandise, not enumerated.....	32,717	4,208 22	25,822	3,981 37
Bark.....	150	5 34	340	26 33
Barrels, Empty.....	1,941	277 11	2,144	321 80
Boat Knees.....	177	13 52	.....	.....
Floats.....	14,407	344 43	21,345	363 55
Fire Wood, in Vessels.....	360,785	11,277 58	355,004	11,382 85
do Rafts.....	1,089	16 50	2,654	55 26
Hoops.....	197	44 72	413	76 25
Hop Poles.....	2,238	144 25	1,918	128 50
Lumber, Sawn, in Vessels.....	469,503	42,847 96	576,896	55,174 43
do Rafts.....	14,520	498 57	71,111	2,492 07
Masts, Spars and Telegraph Poles, in Vessels.....	437	43 58	302	2 80
do do in Rafts.....	15,881	381 50	15,813	334 80
Railway Ties, in Vessels.....	8,767	633 56	7,600	618 83
do Rafts.....	.....	.....	92	4 38
Raw Logs.....	31,818	1,150 73	45,852	902 62
Staves and Headings, Barrel.....	3,907	275 14	1,435	96 25
do Pipe.....	7,945	1,323 95	9,888	1,721 12
do West India.....	1,494	247 54	4,485	774 43
do Salt Barrel.....	177	28 08	33	5 40
Shingles.....	777	257 36	811	207 29
Split Posts and Fence Rails, in Vessels.....	216	23 79	176	27 45
do do Rafts.....	1	0 13	3	0 32
Timber, Square, in Vessels.....	66,727	9,637 76	93,985	13,144 23
do Rafts.....	36,169	1,161 00	31,152	1,050 68
Traverses.....	18,661	112 45	29,195	109 17
Woodware and Wood partly manufactured.....	1,017	285 80	934	280 65
Totals—Passengers and Tonnage of Vessels not included.....	2,647,602	301,122 93	2,734,153	301,558 35
Passengers—Total number.....	100,227	2,973 48	146,375	3,845 97
Vessels—Tonnage.....	3,391,021	50,827 97	3,576,698	54,578 54
Total Tolls Collected.....	.....	354,924 38	.....	359,932 86
Total Tolls Free.....	.....	38,090 39	.....	37,067 39
Grand Total Tolls.....	.....	393,014 77	.....	397,000 25

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1876.A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.

No. [A] 24.—GENERAL STATEMENT showing the Quantity of each Article transported through the Welland Canal and the Amount of Revenue collected during the Season of Navigation in 1876.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl .....	2	151							12	385	397	70 80
Apples .....		1,013			49	63			49	1,169	1,218	74 63
Agricultural Products, not enumerated, Vegetable.....	37	172							37	425	462	53 53
Agricultural Products not enumerated, Animal .....	4	1							4	30	34	6 80
Agricultural Implements.....	20		2		6	13			28	14	42	16 60
Barley .....	1,247	309	16,098	801					17,345	1,110	18,455	3,629 02
Bricks .....	81	138							81	215	299	30 75
Bones .....												
Baggage .....					12	4			12	4	16	6 40
Beer .....	11				89	11			100	11	111	43 35
Brimstone, Crude.....												
Cement and Water Lime.....	18	4	6	2	98		8		130	16	146	25 50
Clay, Lime and Sand .....	60	1,011			4	6			54	1,047	1,101	159 29
Coal .....	41	56	161,938		5,172	11,940	109,061		173,919	114,292	288,211	55,558 05
Corn .....		276			53,138		86,137			144,501	144,501	28,900 20
Cattle .....	2				5	2			7	3	10	1 08
Cotton, Raw.....												
Coffee .....	2								2		2	0 45
Crockery.....	6					10			6	10	16	6 05
Dye Wood and Dye Stuffs.....	3				183				186		186	74 40
Earthenware .....	85		14		6				105		105	42 00
Fish .....		4			499	12			499	16	515	102 50
Flax and Hemp .....		18							18		18	3 60
Flour .....	40	10,151				5,187	400		40	15,738	15,778	1,461 52
Furniture .....	27	1	21		34	90			82	102	184	64 25
Gypsum .....		50		691	11				11	741	752	39 25
Glass, Window .....	38		29						67	1	68	25 75
Glassware.....	3				1	58			4	58	62	24 50

Hay, Pressed.....	129	9	1	9	2	27	1	166	10	176	20 73
Hogs.....	7	1	1	1	28	2	2	44	31	75	0 40
Horses.....	3	11	119	8,440	8	119	141	11	130	141	26 28
Hides and Skins, Horns and Hoofs.....	714	4,670	65	13,110	65	65	13,175	13,110	65	13,175	658 75
Ice.....	405	45	53	1,759	6	53	2,677	45	6	51	10 20
Iron, Railway.....	714	69	269	3,450	53	269	2,473	2,473	204	2,677	413 15
do All other.....	405	371	5,243	18,362	2	5,243	3,926	3,926	1,391	6,320	1,003 16
Iron Ore.....	.....	.....	.....	.....	.....	.....	.....	23,605	.....	23,605	1,180 25
Kryolite or Chemical Ore, and other Ore, except Iron.....	.....	.....	.....	.....	.....	.....	.....	91	.....	91	4 55
Lard and Lard Oil.....	10	462	25	1,188	25	25	1,188	10	25	35	5 25
Meals, all kinds.....	10	10	245	481	14	245	481	1,188	1,188	1,188	171 10
Meats, other than Pork.....	.....	.....	.....	.....	.....	.....	.....	24	24	24	4 80
Marble.....	.....	.....	.....	.....	.....	.....	.....	1,771	.....	1,771	708 40
Manilla.....	.....	.....	.....	.....	.....	.....	.....	44	2	46	18 40
Molasses.....	15	10	179	116	9	179	116	25	295	25	9 30
Nails.....	111	12	1,905	19,917	9	1,905	19,917	132	295	437	165 85
Oaks.....	21	2,674	41	1,093	41	1,093	16	71	1,112	1,183	4,859 81
Oil, in Barrels.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	0 80
Oil Cake.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peas.....	137	591	20	20	20	20	591	20	591	611	122 20
Potatoes.....	10	18	1	181	25	1	181	180	1	181	10 68
Pork.....	.....	.....	.....	.....	.....	.....	.....	45	595	595	118 93
Paint.....	22	1	549	325	7	549	45	346	10	356	141 35
Pitch and Tar.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	2 40
Rags.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rye.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salt.....	135	768	10	29,395	10	10	30	42	770	30,300	6,052 23
do intended for Cutting.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
do wrought.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
do not suitable for Cutting, unwrought.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seeds, all kinds.....	1,195	11,446	248	933	47	248	2,476	11,446	11,446	13,872	795 37
Sheep.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9 40
Soda Ash.....	158	67	15	240	15	240	2	1	2	242	80 40
Steel.....	10	36	25	1	25	1	2	35	3	38	13 45
Sugar.....	138	170	256	197	4	197	160	174	527	174	54 55
Spirits.....	39	42	13	13	6	42	4	337	14	864	323 00
Tobacco, Raw.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3 60
Tallow.....	31	4	19	19	13	6	13	13	6	19	3 80
Tin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18 45
Turpentine.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vinegar.....	6	8	1	8	1	8	14	14	14	14	4 70
Wheat.....	7,346	15,111	96,246	83,202	1	96,246	7,347	194,559	201,906	201,906	38,375 71
White Lead.....	36	2	1	1	1	1	38	38	38	38	9 95

APPENDIX A.—Continued.

No. (A) 24.—GENERAL STATEMENT showing the Quantity of each Article transported through the Welland Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....	41								74		74	\$ 19 15
Wool.....			1		32	336				336	336	70 00
All other Goods and Merchandise, not enumerated.....	842	83	238	7	3,490	298	112	208	4,682	596	5,273	1,887 03
Bark.....												
Barrels, Empty.....	346	5	70		490	16			906	21	927	182 60
Boat Knees.....												
Floats.....	2,745	56,880		390					2,745	57,270	60,015	2,912 13
Firewood, in Vessels.....												
do Rafts.....												
Hoops.....		11				111				152	152	36 23
Hop Poles.....												
Lumber, Sawn, in Vessels.....	11,631	9,170	15	732		70,851		18,536	11,616	99,279	110,925	17,887 61
do do Rafts.....		221								221	221	21 93
Masts, Spars and Telegraph poles, in Vessels.....												
Masts, Spars and Telegraph poles, in Rafts.....		3	250						250	3	253	37 95
Railway Ties, in Vessels.....	22	1,246										
do Rafts.....		13										
Saw Logs.....	314	7,576		493				245	314	8,314	8,638	417 65
Staves and Headings, Barrel.....		41				38				79	79	10 10
do do Pipe.....		747		357		910		4,938		6,982	6,982	1,307 55
do do W. India.....		136				4		1,059		1,199	1,199	224 29
Staves, Salt Barrel.....		20				38		5		38	38	5 40
Shingles.....												
Split Posts and Fence Rails, in Vessels.....	119	79				172		1	119	252	371	191 87
Split Posts and Fence Rails, in Rafts.....		1								1	1	0 10

	80	4,992	3,196	5,756	52,223	80	65,167	65,247	9,737 58
	240	1,174				240	1,174	1,414	61 49
Timber, Square, in Vessels.....									
do do Rafts.....									
Traverses.....	2	116		45	18	63	179	242	62 05
Woodenware and Wood partly manufactured .....			61						
Total Freight paying Tolls...	28,782	127,873	6,114	249,102	387,522	300,464	770,611	1,071,075	183,924 70
Iron, Iron Ore, &c., having paid full toll on the St. Law- rence, Ottawa and Rideau Canals, Free.....	12,612					28,285		28,285	
Timber passed free from Wel- land to Port Robinson. ....		450					450	450	
Grand Total Freight.....	41,394	128,323	6,114	249,102	387,522	328,749	771,061	1,099,810	
Total Tolls on Vessels.....									24,431 53
do Passengers.....									423 01
do Free Goods.....									40 00
Fines, Damages and other receipts.....								\$4,485 20	
Total Revenue, exclusive of Hydraulic Rents.....									208,829 27

A. BRUNEL.  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

**APPENDIX A ---Continued.**  
**No. (A.) 25.---GENERAL STATEMENT showing the Quantity of each Article transported through the St. Lawrence Canals, and the Amount of Revenue collected, during the Season of Navigation in 1876.**

Articles.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl .....	8	1,221	201	271	46			18	255	1,710	1,965	291 65
Apples .....	102	8,059		72				1,334	102	9,465	9,567	1,359 14
Agricultural Products not enumerated, Vegetable.....	762	774	7		4	10			773	784	1,557	179 81
Agricultural Products not enumerated, Animal.....	187	2,177	14		36	4	5		237	2,186	2,423	282 83
Agricultural Implements.....	148	81				2			148	83	231	25 33
Barley.....	31	4,770		9					31	4,779	4,810	333 46
Bricks.....	3,531	459	9			16		208	3,748	4,475	4,223	198 48
Bones .....	4	69		130					4	199	203	21 28
Baggage .....	227	647							227	617	774	133 70
Beer .....	280	11	68						348	11	359	81 25
Brimstone, Crude .....	4								4		4	0 80
Cement and Water Lime.....	1,357	263	32			1	23	3,113	1,412	3,377	4,789	647 89
Clay, Lime and Sand.....	2,470	231	50				2,440	150	4,960	381	5,341	230 88
Coal.....	17	11,994		229			19,461	31,687	17	31,687	31,704	4,320 85
Corn.....	173	32,647	78			244		1,136	251	34,027	34,278	3,146 11
Cattle .....	72	985			2				74	985	1,059	74 02
Cotton, Raw.....	6								6		6	1 20
Coffee .....	633	63	1						634	63	697	133 50
Crockery .....	32						27		59		59	5 60
Dye Woods and Dye Stuffs.....	924	21	20						944	21	965	209 29
Earthenware.....	1,481	51	5						1,489	51	1,540	163 02
Fish.....	1	1	26						26	1	27	3 94
Flax and Hemp .....	2,659	18,487				61		710	2,787	19,261	22,048	3,048 19
Flour.....	251	111	1		4				256	111	367	49 10
Furniture.....	2,460	84	400						2,860	84	2,944	123 98
Gypsum.....	775	172	7						782	172	954	193 71
Glass, Window .....	594	288	25						619	288	907	193 77
Glassware .....												



Hay, Pressed.....	538	179	717	538	179	717	51 47
Hogs.....	129	149	149	135	149	149	12 46
Horses.....	93	299	434	124	299	434	34 03
Hides and Skins, Horns and Hoofs.....		290	414		290	414	26 30
Ice.....	23,818	1,768	30,531	24,779	1,768	30,531	4,103 81
Iron, Railway.....	15,189	4,532	15,917	15,783	4,532	15,917	1,829 78
do Pig.....	8,037	594	8,850	8,197	594	8,850	968 09
do All other.....		104	39		104	39	
Iron Ore.....	15	617	632	15	617	632	31 60
Kyrolite or Chemical Ore, and other Ore, except Iron.....	73	41	114	73	41	114	14 03
Lead and Lard Oil.....	37	1,130	1,232	37	1,195	1,232	120 11
Meals, all kinds.....	4	115	119	4	115	119	16 39
Meats, other than Pork.....	84	3	198	84	3	198	23 84
Manilla.....	35	11	67	56	11	67	21 35
Molasses.....	886	119	5,484	3,365	119	5,484	384 27
Nails.....	3,644	78	5,484	3,740	78	5,484	879 27
Oats.....	1,131	21,346	22,477	1,131	21,346	22,477	1,244 24
Oil, in Barrels.....	883	94	1,316	1,207	94	1,316	205 79
Oil Cake.....	1	3	4	1	3	4	0 49
Pease.....	330	30,088	30,398	330	30,088	30,398	2,736 41
Potatoes.....	267	623	1,024	282	742	1,024	104 19
Pork.....	199	346	681	199	482	681	61 11
Paint.....	230	13	285	252	13	285	61 65
Pitch and Tar.....	224	208	1,562	1,354	208	1,562	93 04
Rags.....	710	137	863	726	137	863	89 98
Rye.....	1	2	3	1	2	3	0 28
Rosin.....	92	23	1,792	1,769	23	1,792	103 87
Salt.....	8,693	136	8,991	8,776	136	8,991	1,087 40
Stone intended for Cutting.....	27	1,725	2,925	388	2,537	2,925	360 61
do wrought.....	20	112	282	20	263	282	52 65
do not suitable for Cutting, unwrought.....	120	1,074	1,194	120	1,074	1,194	80 25
Sheep, all kinds.....	25	27	52	25	27	52	6 21
Soda Ash.....	11	447	468	11	447	468	31 90
Steel.....	1,085	1	1,224	1,223	1	1,224	238 20
Sugar.....	141	7	148	141	7	148	30 04
Spirits.....	2,889	35	2,962	2,946	35	2,962	629 10
Tobacco, Raw.....	797	284	1,143	841	302	1,143	223 79
Tallow.....	7	14	21	7	14	21	1 98
Tin.....	4	42	46	4	42	46	5 21
Turpentine.....	632	3	636	633	3	636	129 85
Vinegar.....	6	6	572	6	6	572	31 60
Wheat.....	14	236	250	14	236	250	49 04
White Lead.....	410	98,863	99,530	410	98,120	99,530	12,906 82
	100	2	117	115	2	117	36 34

APPENDIX A.—Continued.

No. (A) 25.—GENERAL STATEMENT showing the Quantity of each Article transported through the St. Lawrence Canals, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....	105	.....	.....	.....	.....	.....	.....	.....	120	.....	120	26 18
Wool.....	140	.....	.....	.....	.....	.....	.....	.....	143	.....	147	20 53
All other Goods and Merchandise not enumerated.....	9,667	2,311	.....	.....	288	642	.....	148	10,942	3,001	13,943	2,158 26
Bark.....	70	23	.....	.....	.....	.....	.....	.....	70	93	93	4 26
Barrels, Empty.....	869	91	45	.....	18	4	.....	.....	952	95	1,027	120 02
Boat Knees.....	50	.....	.....	.....	.....	.....	.....	.....	50	.....	50	1 00
Floats.....	.....	7,152	.....	.....	.....	.....	.....	.....	.....	7,152	7,152	125 18
Firewood, in Vessels.....	3,879	69,678	1,023	.....	.....	.....	.....	.....	4,902	69,678	74,580	2,363 79
do Rafts.....	.....	207	.....	.....	.....	.....	.....	.....	207	207	207	4 32
Hoops.....	.....	83	.....	.....	.....	.....	.....	.....	7	103	110	12 04
Hop Poles.....	635	.....	.....	.....	.....	.....	.....	.....	635	.....	635	24 00
Lumber, Sawn, in Vessels.....	14,728	48,934	46	4,991	10	526	.....	3,406	14,807	57,857	72,664	5,236 45
do Rafts.....	2	21,872	.....	.....	.....	.....	.....	.....	2	21,872	21,874	984 32
Masts, Spars, and Telegraph Poles in Vessels.....	50	.....	.....	.....	.....	.....	.....	.....	50	.....	50	0 63
Masts, Spars, and Telegraph Poles, in Rafts.....	12	16,322	.....	.....	.....	.....	.....	.....	12	16,322	16,334	343 70
Railway Ties, in Vessels.....	.....	515	.....	.....	.....	.....	.....	.....	.....	515	515	11 76
do Rafts.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saw Logs.....	.....	16,742	.....	.....	.....	.....	.....	.....	.....	16,742	16,742	382 60
Staves and Headings, Barrel.....	8	1,366	.....	.....	75	.....	.....	.....	83	1,356	1,439	111 75
do Pipe.....	.....	2,338	.....	.....	.....	.....	.....	.....	.....	2,386	2,386	299 40
do West India.....	.....	862	.....	.....	.....	.....	.....	.....	.....	886	886	133 20
Staves, Salt Barrel.....	10	9	.....	.....	.....	.....	.....	.....	10	9	19	4 17
Stingies.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Split Posts and Fence Rails, in Vessels.....	.....	12	.....	.....	.....	.....	.....	.....	.....	12	12	3 00
Split Posts and Fence Rails, in Rafts.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Timber, Square, in Vessels .....	250	4,665	40	840	250	5,815	292 13
do Rafts .....	380	17,504			380	17,504	448 60
Traverses .....		14,222				14,222	37 00
Woodenware and Wood parly manufactured .....	193	163		8	193	171	128 95
Total Freight paying Tolls	121,870	470,239	5,652	31,658	143,166	509,543	652,709
Corn, having paid full Toll on the Welland Canal, Free .....						79,785	79,785
Oats do do .....		76,425		3,380		21,655	21,655
Flour do do .....		18,401		3,264		8,975	8,975
Pease do do .....		7,911		1,064		938	938
Wheat do do .....		938				84,114	84,114
Coal, Free, as per Order in Council .....		8,102		4,012			
Iron Ore, having paid full Toll on the Chamblay Canal, Free .....	27,153			70,778	97,937		97,937
Iron (Pig), Free, as per Order in Council .....						1,428	1,428
Kryolite, Free .....		1,425					
Petroleum .....							
Grand Total Freight .....	149,023	655,441	5,652	43,348	241,103	706,435	947,538

Total Tolls on Vessels .....	15,383 68
do Passengers .....	2,862 49
do Free Goods .....	\$35,829 37
Fines and Damages .....	
Wharfage and Storage .....	
Winterage, Basin Dues and other Receipts .....	
Total Revenue, exclusive of Hydraulic Rents .....	91,348 69

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Burlington Bay Canal, and the Amount of Revenue collected, during the Season of Navigation in 1876.

Articles.	From Canadian Ports.		From United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cis.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	15	430							15	1,305	1,320	
Apples.....		1,929		875						1,929	1,929	
Agricultural Products not enumerated, Vegetable.....	22	5							22	5	27	
Agricultural Products not enumerated, Animal.....	63	1,205							63	1,205	1,268	
Barley.....		136								136	1,336	
Bricks.....	94			2,405						2,405	2,405	
Bones.....				18						18	112	
Baggage.....	74	73							74	73	147	
Beer.....	62	2							62	2	64	
Brimstone, Crude.....											144	
Cement and Water Lime.....	83					61			144		144	
Clay, Lime and Sand.....	3					801			804		804	
Coal.....	450					33,468			33,918		33,918	
Corn.....											5	
Cattle.....	5								5		5	
Cotton, Raw.....												
Coffee.....												
Grocery.....	49								49		49	
Dye Woods and Dye Stuffs.....	2								2		2	
Earthenware.....	421	13							421	13	434	
Fish.....	216						4		220		220	
Flax and Hemp.....												
Flour.....	45	7,260							45	7,260	7,295	
Furniture.....	20	8							21	8	29	
Gypsum.....	3						1		3		3	
Glass, Window.....	138	22							138	22	160	
Glassware.....	292	286					2		294	286	590	

Hay, Pressed	18	30					18	30	48
Hors	4	28					4	28	32
Hides and Skins, Horns and Hoofs	6,827	150	600			6,827	150	6,827	6,827
Ice	4,973	218	101			5,573	218	5,723	5,723
Iron, Railway	1,676					1,777		1,995	1,995
do do all other									
Iron Ore									
Kyrolite or Chemical Ore, and other Ore, except Iron	12	2	3			15	2	17	17
Lard and Lard Oil	151	4				151	4	151	151
Meals, all kinds	4								4
Meats, other than Pork	28		68			68	28	96	96
Marble	3					3		3	3
Manilla	321					657		657	657
Molasses	1,031	40	336			1,132	40	1,172	1,172
Nails	464	170	101			464	170	464	464
Oats	105		7			112		170	282
Oil, in Barrels									
Oil Cake									
Pease	36	3,024	470			36	3,494	3,494	3,494
Potatoes	84					84		84	84
Pork	65					65		65	65
Paint	1					29		29	29
Pitch and Tar	44		28			44		44	44
Rags									
Rye									
Roan	91					353		353	353
Salt	542					542		542	542
Stone intended for Cutting	131		1,595			1,726		1,726	1,726
do wrought									
do not suitable for Cutting,									
do unwrought	2	21	3			5	21	26	26
Seeds, all kinds	159	3				159	3	162	162
Sheep	59					59		59	59
Soda Ash	1,011	209				1,011	209	1,011	1,011
Steel	65	10				65	10	274	274
Sugar	9	2				9	2	19	19
Spirits	240					240		240	240
Tobacco, Raw	1					16		16	16
Tallow	4	301	15			4	301	305	305
Tin	287	5,803	1,457			287	7,260	7,547	7,547
Turpentine	14					14		14	14
Vinegar									
Wheat									
White Lead									

APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Burlington Bay Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....	36						36		36	
Wool.....	14	17					14	17	31	
All other Goods and Merchandise not enumerated.....	3,111	996					3,350	996	4,346	
Bark.....										
Barrels, Empty.....	42	2					42	2	44	
Boat Knees.....										
Floats.....										
Firewood, in Vessels.....	641						641		641	
do Rafts.....										
Hoops.....										
Hop Poles.....										
Lumber, Sawn, in Vessels.....	844	412					844	1,220	2,064	
do Rafts.....										
Masts, Spars, and Telegraph Poles, in Vessels.....										
Masts, Spars, and Telegraph Poles, in Rafts.....										
Railway Ties, in Vessels.....	894						894		894	
do Rafts.....										
Saw Logs.....										
Staves and Headings, Barrel.....										
do do Pipe.....		50						50	50	
do do West India.....		44						44	44	
Staves, Salt Barrel.....										
Shingles.....										
Split Posts and Fence Rails, in Vessels.....										
Split Posts and Fence Rails, in Rafts.....										



APPENDIX A.—Continued.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported through the Ottawa Canals and the Amount of Revenue collected, during the Season of Navigation in 1876.

Articles.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl .....		52						52	52	7 87
Apples .....	18	7					18	7	25	1 03
Agricultural Products not enumerated, Vegetable .....	26	21					26	21	47	2 16
Agricultural Products not enumerated, Animal .....	1	372					1	372	373	25 61
Agricultural Implements .....	1	7					1	7	8	0 75
Barley .....		621						621	621	39 50
Bricks .....	4						4		4	0 12
Bones .....		25						25	25	2 11
Baggage .....	162	114					162	114	276	19 04
Beer .....	121	15					121	15	136	7 68
Brimstone, Crude .....										
Cement and Water Lime .....	239	472					239	472	711	41 66
Clay, Lime and Sand .....		513						513	513	40 15
Coal .....										
Corn .....		1						1	1	0 07
Cattle .....	9	322					9	322	331	22 22
Cotton, Raw .....										
Coffee .....										
Crockery .....		20						20	20	1 00
Dye Woods and Dye Stuffs .....										
Earthenware .....	3	5					3	5	8	0 40
Fish .....	20	30					20	30	50	1 50
Flax and Hemp .....										
Flour .....	115	10					115	10	125	4 46
Furniture .....	7	36					7	36	43	4 91
Gypsum .....										
Glass, Window .....	2	1					2	1	3	0 15
Glassware .....		7						7	7	0 60





APPENDIX A.—Continued.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported through the Ottawa Canals &c.—Continued.

Articles.	From Canadian Ports.		From United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....										\$ cts
Wood.....		5						5	5	0 42
All other Goods and Merchandise not enumerated.....										
Park.....	443	200					443	200	643	41 39
Barrels, Empty.....	2	143					2	143	145	18 62
Boat Knees.....		6,865						6,865	6,865	89 64
Floats.....		156,933		186				157,119	157,119	5,211 34
Firewood, in Vessels.....		608						608	608	16 23
do Rafts.....		5						5	5	0 50
Hoops.....										
Hop Poles.....										
Lumber, Sawn, in Vessels.....	17	115,942		168,391			17	284,333	284,350	26,847 60
do Rafts.....		43,952						43,952	43,952	1,296 01
Masts, Spars and Telegraph Poles, in Vessels.....										
Masts, Spars and Telegraph Poles, in Rafts.....										
Railway Ties, in Vessels.....		1,324						1,324	1,324	182 25
do Rafts.....		70						70	70	2 63
Saw Logs.....		1,859						1,859	1,859	42 83
Staves and Headings, Barrel.....										
do do Pipe.....										
do do W. India.....										
Staves, Salt Barrel.....		170						170	170	10 20
Shingles.....		164						164	164	53 55
Split Posts and Fence Rails, in Vessels.....		22						22	22	3 41
Split Posts and Fence Rails, in Rafts.....		1						1	1	0 13

Timber, Square, in Vessels.....	2,444					2,444	2,444	35 07
do do Rafts.....	1,267					1,267	1,267	6 83
Woodenware and Wood partly manufactured.....	2	1				2	3	0 40
Total Freight paying Tolls	1,534	343,719		168,647		1,564	513,930	34,808 88
Coal and Stone, free, per Order in Council.....	201	350				201	551	
Grand Total Freight.....	1,735	344,069		168,647		1,765	514,481	
Total Tolls on Vessels.....								
do Passengers.....	4,675 15							
do Free Coal and Stone.....	303 59							
Fines and Damages.....	\$37 93							
Wharfage and Storage.....	52 00							
Other Receipts.....	36 00							
Total Revenue, exclusive of Hydraulic Rents.....								39,875 63

A BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

APPENDIX A.--Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported through the Chambly Canal, and the Amount of Revenue collected, during the Season of Navigation in 1876.

Articles.	From Canadian Ports.		From United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....										
Apples.....	12	96					1,350	765	1,350	135 00
Agricultural Products not enumerated, Vegetable.....	518	131					518	132	650	21 80
Agricultural Products not enumerated, Animal.....	77	75					77	76	153	5 55
Agricultural Implements.....	7						7		7	0 24
Barley.....			4,209				4,209		4,209	386 05
Bricks.....	4,915	7		200		70	4,915	277	5,192	510 06
Bones.....	92		622				714		714	71 40
Baggage.....	10	2					10	2	12	0 50
Beer.....										
Brimstone, Crude.....										
Cement and Water Lime.....	1,002	30					1,002	20	1,022	2 00
Clay, Lime and Sand.....										
Coal.....										
Corn.....	11						11		11	0 37
Cattle.....	2	118					2	118	120	4 05
Cotton, Raw.....										
Coffee.....										
Crockery.....										
Dye Woods and Dye Stuffs.....										
Earthenware.....										
Fish.....										
Flax and Hemp.....										
Flour.....	384	51					384	151	535	26 07
Furniture.....	3	2					3	4	7	0 57
Gypsum.....										
Glass, Window.....										
Glassware.....										
									23	2 30

	181	314	108			289	314	603	38 10
Hay, Pressed									
Hogs	1	19				1	19	20	0 71
Horses and Skins, Horns and Hoofs							29	29	2 90
Ice		3					3,288	3,288	328 80
Iron, Railway							245	251	24 70
do Pig	6				8,429	6	8,429	8,429	421 45
do All other									
Iron Ore									
Kryolite or Chemical Ore, and other Ore, except Iron									
Lard and Lard Oil	4	27				4	27	31	1 04
Meals, all kinds								5	0 80
Meats, other than Pork			11				150	150	19 16
Marble									
Manilla	7					7	4,594	4,601	459 64
Molasses									
Nails	3	2,424				3	2,424	2,427	191 61
Oats							375	375	37 50
Oil in Barrels									
Oil Cake									
Pease	1	1,148					1,148	1,148	42 02
Potatoes	1	29	232			233	29	262	24 49
Pork								8	0 80
Paint								1,195	119 50
Pitch and Tar							38	38	3 77
Rags		1							
Rye								1,797	179 70
Rosin								411	124 21
Salt	1,023	167				1,023	411	2,531	246 74
Stone intended for Cutting							24	26	2 47
do wrought	2					2			
do not suitable for Cutting, unwrought							235	235	17 00
Seeds, all kinds									
Sheep		261					261	261	8 75
Soda Ash									
Steel							1	1	0 10
Sugar							9	9	0 90
Spirits									
Tobacco, Raw									
Tallow							10	10	1 00
Tin							4	4	0 40
Turpentine									
Vinegar							565	565	56 50
Wheat									
White Lead									

APPENDIX A.—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported through the Chambly Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting .....		2								2		0 20
Wool .....	15									15		0 50
All other Goods and Merchandise not enumerated .....	93	54	73				774			166	828	92 57
Bark .....												
Barricks, Empty .....												
Boat Knees .....												
Floats .....	45	300								45	631	16 37
Firewood, in Vessels .....										54	54	7 35
do Rafts .....			51									
Hoops .....												
Hop Poles .....												
Lumber, Sawn, in Vessels .....	3,606	226	41,053				86			44,659	313	2,644 24
do do Rafts .....												
Masts, Spars and Telegraph Poles, in Vessels .....	1									1	1	0 07
Masts, Spars and Telegraph Poles, in Rafts .....	96									96	96	6 60
Railway Ties, in Vessels .....		267	482							482	749	52 57
do Rafts .....												
Saw Logs .....												
Staves and Headings, Barrels .....												
do do Pipe .....												
do do W India .....												
Staves, Salt Barrels .....												
Shingles .....												
Split Posts and Fence Rails, in Vessels .....	3	2								3	2	1 93
Split Posts and Fence Rails, in Rafts .....												



APPENDIX A.—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported through the Rideau Canal, and the Amount of Revenue collected, during the Season of Navigation in 1876.

Articles.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl .....	3	51							3	51	54	10 61
Apples .....	2	159							2	159	161	5 06
Agricultural Products, not enumerated, Vegetable.....	2								2		2	0 05
Agricultural Products, not enumerated, Animal.....	177	1,144							177	1,144	1,321	100 96
Agricultural Implements.....	7	64							7	64	71	10 28
Barley .....	57								57		57	1 44
Bricks .....	176	194							176	194	370	14 65
Bones .....		70								70	70	4 46
Baggage .....		1								1	1	0 18
Beer .....	5	18							5	18	23	3 44
Brimstone, Crude.....												
Cement and Water Lime.....	55	184							55	184	239	16 74
Clay, Lime and Sand.....	42	262							42	262	304	14 00
Coal .....	1	3,679							1	3,679	3,680	171 80
Corn.....		81								81	81	2 50
Cattle.....	1								1		1	0 03
Cotton, Raw .....												
Coffee.....												
Crockery .....	2	15							2	15	17	2 48
Dye Woods and Dye Stuffs.....												
Earthenware.....	26	17							26	17	43	5 53
Fish .....	76	55							76	55	131	3 96
Flax and Hemp .....												
Flour.....	59	241							59	241	300	10 04
Furniture .....	20	34							20	34	54	6 62
Gypsum .....	1	19							1	19	20	0 95
Glass, Window .....	8								8		8	0 71
Glassware.....	11								11		11	1 85





APPENDIX A.—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported through the Rideau Canal, &c.—(continued).

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Whiting.....		1								1		cts. 0 09
Wool.....	4	4							4	8		0 30
All other Goods and Merchandise not enumerated.....											682	79 37
Bark.....	337	345							337	109		3 22
Barrels, Empty.....	109								109	53		2 89
Boat Knees.....	32	21							32	21		
Floats.....											6,900	224 95
Firewood, in Vessels.....	3,149	3,751							3,149	3,751		1,507 78
do Rafts.....	76,665	7,407							76,665	7,407		35 26
Hoops.....	576	1,116							576	1,116		0 08
Hop Poles.....	1								1			58 00
Lumber, Sawm, in Vessels.....	812								812			406 37
do Rafts.....	8,790	1,964							8,790	1,964		5 46
Masts, Spars, and Telegraph Poles, in Vessels.....	154	7							154	7		
Masts, Spars, and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	1,870								1,870			140 13
do Rafts.....												
Saw Logs.....	3,991	712							3,991	712		107 38
Staves and Headings, Barrel, do do W. India.....		703								703		35 95
Staves, Salt Barrel.....												
Shingles.....	173	12							173	12		51 74
Split Posts and Fence Rails, in Vessels.....	94	1							94	1		13 88
Split Posts and Fence Rails, in Rafts.....	3								3			0 32

	12	13	0 28
Timber, Square, in Vessels.....	1,160	1,160	1,648
do Rafts.....	1,640	1,640	7,080
Traverses .....	5,440	5,440	78 26
Woodenware and Wood partly manufactured.....	70	70	11 10
Total Freight paying Tolls.....	32,453	32,453	3,650 37
Coal, free, per Order in Council	2,150	2,150	2,150
Grand Total Freight.....	105,349	105,349	137,802
Total Tolls on Vessels .....			1,578 16
do Passengers.....			43 56
Free Coal .....			\$53 78
Fines and Damages.....			198 31
Wharfage and Storage.....			174 00
Other Receipts .....			5,644 40
Total Revenue, exclusive of Hydraulic Rents.....			

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

APPENDIX A.—Continued.

No. (A) 30—GENERAL STATEMENT, showing the Quantity of each Article transported through the St. Peter's Canal and the Amount of Revenue collected during the Season of Navigation in 1876.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Coal .....		303									303	\$ 3 03
Fish .....												
Flour .....	56								56		56	0 56
Other Agricultural Products.	58								58		114	1 14
Merchandise .....	35								35		200	2 35
Lumber .....		44									44	0 44
Total Freight paying Tolls.	149	603							149	603	752	7 52
Total Tolls on Vessels .....												25 30
Total Revenue from all sources .....												32 82

NOTE.—In consequence of the Canal being enlarged, it has been closed since June last.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

A. BRUNEL,  
*Commissioner.*

APPENDIX A.—Continued.

No. (A) 31.—GENERAL STATEMENT showing the Quantity of each Article transported through the Newcastle District Canals, and the Amount of Revenue collected, during the Season of Navigation in 1876.

Articles.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Iron Ore .....	3,682						3,682		3,682	36 82
Bark .....	84						84		84	15 25
Firewood, in Vessels .....	8,508	90					8,508	90	8,598	143 30
Lumber, Sawn, in Vessels.....	14,483						14,483		14,483	86 80
Railway Ties .....	182						182		182	8 88
Saw Logs .....	4,329						4,329		4,329	29 90
Split Posts, &c .....	67						67		67	8 88
Shingles .....	70						70		70	7 43
Timber, Square.....	175	50					175	50	225	2 34
Traverses .....	92						92		92	1 15
<b>Total Freight paying Tolls..</b>	<b>31,672</b>	<b>140</b>					<b>31,672</b>	<b>140</b>	<b>31,812</b>	<b>340 75</b>
<b>Total Tolls on Vessels .....</b>										<b>292 50</b>
<b>Total Revenue, exclusive of Hydraulic Rents.....</b>										<b>633 25</b>

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
(OTTAWA, 31st December, 1876.

## APPENDIX

## No. (A) 32.—STATEMENT of Traffic on the undermentioned Canals, and

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian Vessels, steam .....	126,461	2,682 28	418,109	5,122 12	56,324	272 41
United States Vessels, steam .....	155,234	3,858 59	34,295	365 55	421	6 44
Canadian Vessels, sail .....	446,027	8,743 76	856,950	8,718 95	71,186	1,218 30
United States Vessels, sail.....	411,483	9,146 90	105,079	1,177 06	92,679	1,281 77
Total, Class No. 1.....	1,139,205	24,431 53	1,414,433	15,393 68	220,610	2,778 92
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	15,400	423 04	58,615	2,862 49	4,413	73 73
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	299	30 75	4,223	198 48	5,192	510 06
Cement and Water Lime.....	146	25 50	4,789	647 89	20	2 00
Clay, Lime and Sand.....	1,101	159 29	5,341	230 88	2,859	277 37
Coal.....	288,211	55,558 05	31,704	4,320 85	109,213	10,882 10
Fish.....	515	102 50	1,540	163 02		
Gypsum.....	752	39 25	2,944	123 98		
Iron, Railway.....	51	10 20	30,537	4,103 87	3,288	328 80
do Pig.....	2,677	413 15	15,917	1,829 78		
do all other.....	5,320	1,003 16	8,850	968 09	251	24 70
Salt.....	30,300	6,052 23	8,991	1,087 40	1,434	124 21
Stone, for cutting .....	8,401	1,677 96	2,925	360 61	2,531	246 74
Apples.....	1,218	74 63	9,567	1,359 14	777	77 30
Barley.....	18,455	3,629 02	4,810	333 46	4,209	386 06
Corn.....	144,501	28,900 20	34,278	3,146 11	11	0 37
Cotton, Raw.....						
Flax and Hemp.....	18	3 60	27	3 94		
Flour.....	15,778	1,461 52	22,048	3,048 19	535	26 07
Hay, Pressed.....	176	20 73	717	51 47	603	38 10
Meals, all kinds .....	1,183	171 10	1,232	120 11	31	1 04
Oil Cake .....	4	0 80	4	0 49		
Oats.....	24,496	4,859 81	22,477	1,244 24	2,427	191 61
Pease.....	611	122 20	30,398	2,736 41	1,148	42 02
Potatoes.....	181	10 68	1,024	104 19	262	24 49
Rye.....	1,454	290 80	3	0 26		
Seeds, all kinds .....	47	9 40	52	6 21		
Tobacco, Raw.....	18	3 60	21	1 98	10	1 00
Wheat.....	201,906	38,375 71	99,530	12,906 82		
All other Agricultural Pro- ducts, Vegetable.....	462	53 53	1,557	179 81	650	21 80
Bones.....			203	21 26	714	71 40
Cattle.....	10	1 98	1,059	74 02	120	4 05
Hogs.....	2	0 40	149	12 45		
Hides and Skins, Horns and Hoofs.....	141	26 28	414	26 30	29	2 90
Horses.....	75	14 71	434	34 03	20	0 71
Lard and Lard Oil.....	35	5 25	114	14 03		
Meats, other than Pork.....	24	4 80	119	16 39	5	0 50
Pork.....	595	118 93	681	61 11		
Sheep.....	1	0 20	458	31 90	261	8 75
Tallow.....	19	3 80	46	5 21	4	0 40

A.--Continued.

the Amount of Tolls collected during the Season of Navigation in 1876.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
151,036	3,020 91	70,465	509 27	32,197	422 17			19,027	239 50
316	6 32			104	1 50				
54,376	543 86	205,887	2,735 45	125,124	1,097 68	1,265	25 30	10,800	53 00
2,438	24 38	67,977	1,430 43	6,173	56 81				
208,166	3,595 47	344,329	4,675 15	163,598	1,578 16	1,265	25 30	29,627	292 50
No.		No.		No.		No.		No.	
18,952		34,892	303 59	1,758	43 56				
Tons.		Tons.		Tons.		Tons.		Tons.	
112		4	0 12	370	14 65				
144		711	41 66	239	16 74				
804		513	40 15	304	14 00				
33,918				3,680	171 80	303	3 03		
220		60	1 50	131	3 96				
3				20	0 95				
6,827		15	0 43						
5,723		26	1 56	137	3 43				
1,995		255	17 14	602	20 78				
542		54	2 20	877	27 96				
1,726		4,056	350 74	72	1 81				
1,929		25	1 03	161	5 06				
2,405		621	39 50	57	1 44				
		1	0 07	81	2 50				
7,295		125	4 46	300	10 04	56	0 56		
		1	0 05						
151		910	79 37	858	34 93				
				5	0 13				
464		675	41 59	1,392	147 75				
3,494		2,555	171 78	48	4 91				
36		138	9 51	16	0 61				
				72	1 83				
26		13	0 87	5	0 25				
19				2	0 05				
7,547				333	15 46				
27		47	2 16	2	0 05	114	1 14		
		25	2 11	70	4 46				
5		331	22 22	1	0 03				
		51	3 56						
32		44	3 75	52	1 94				
48		228	11 14	2	0 15				
17		1	0 03	5	0 19				
4									
84		59	2 99	46	2 35				
		185	12 77						
2		2	0 19	4	0 10				

APPENDIX

No. (A) 32.—STATEMENT of Traffic on the undermentioned

ARTICLES.	Welland Canal.		St wrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 3.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Wool .....	336	70 00	147	20 33	15	50
All other Agricultural Products, Animal .....	34	6 80	2,423	282 83	153	5 55
Total Class No. 3.....	749,568	143,312 52	351,763	39,877 54	136,772	13,300 59
<i>Class No. 4.</i>						
Asbes, Pot and Pearl .....	397	70 80	1,965	291 65	1,350	135 00
Agricultural Implements...	42	16 60	231	25 33	7	0 24
Baggage .....	16	6 40	774	133 70	12	0 50
Beer .....	111	43 35	359	84 25		
Brimstone, Crude.....			4	0 80		
Coffee .....	2	0 45	6	1 20	1	0 10
Crockery .....	16	6 05	697	133 50		
Dye Woods and Dye Stuffs..	186	74 40	59	5 60	53	5 30
Earthenware .....	105	42 00	965	209 29		
Furniture.....	184	64 25	367	49 10	7	0 57
Glassware .....	62	24 80	907	192 77	23	2 30
Glass. Window.....	68	25 75	954	193 71		
Marble .....	1,771	708 40	198	23 84	150	19 16
Manilla .....	46	18 40	67	21 35		
Molasses .....	25	9 30	5,484	384 28	4,601	459 64
Nails .....	427	165 85	3,818	789 27		
Oil, in Barrels.....	1,183	471 45	1,316	205 79	375	37 50
Paint .....	356	141 35	265	61 65	8	0 80
Pitch and Tar.....	6	2 40	1,562	93 04	1,195	119 50
Rags .....	32	9 20	863	89 98	38	3 77
Rosin .....	42	9 30	1,792	103 87	1,797	179 70
Soda Ash .....	242	80 40	1,224	238 20		
Steel .....	38	13 45	149	30 04	1	0 10
Sugar.....	174	54 55	2,982	629 10	9	0 90
Stone, Wrought.....	876	344 65	282	52 55	26	2 47
Tin .....	54	18 45	636	129 85		
Turpentine.....			572	31 60	565	56 50
Vinegar.....	14	4 70	250	49 04		
White Lead .....	38	9 95	117	36 34		
Whiting .....	74	19 15	120	26 18	2	0 20
Whiskey and all other spirits	864	323 00	1,143	223 79		
Merchandise, not enumerated	5,278	1,887 03	13,943	2,158 26	994	92 57
Total Class No. 4.....	12,729	4,665 83	44,070	6,698 92	11,214	1,116 82
<i>Class No. 5.</i>						
Bark.....			93	4 26		
Barrels, empty .....	927	182 60	1,027	120 02		
Boat Knees.....			50	1 00		
Floats .....		0 25	7,152	125 18		
Fire Wood, in Vessels.....	60,015	2,912 12	74,580	2,363 79	666	16 37
do in Rafts .....			207	4 32		
Lumber, Sawed, in Vessels...	110,925	17,887 61	72,664	5,236 45	44,971	2,644 24
do in Rafts.....	221	21 93	21,874	984 32		
Hoops .....	152	36 23	110	12 04	54	7 35



A.—Continued.

Canals, and the Amount of Tolls collected, &c.—Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
31		5	0 42	8	0 30				
1,268		373	25 61	1,321	100 96				
76,898		12,099	890 68	11,273	611 57	473	4 73		
1,320		52	7 87	54	10 61				
136		8	0 75	71	10 28				
147		276	19 04	1	0 18				
64		136	7 68	23	3 44				
49		20	1 00	17	2 48				
2									
434		8	0 40	43	5 53				
29		43	4 91	54	6 52				
590		7	0 60	11	1 85				
160		3	0 15	8	0 71				
96		1	0 05	1	0 09				
3		8	0 64	18	2 48				
657		2	0 35	36	3 19				
1,172		28	1 65	88	8 95				
282		15	0 75	123	14 19				
65				2	0 18				
29		22	4 13	50	4 39				
44		4	0 40	25	5 58				
353				3	0 27				
162				13	1 14				
59									
1,011		43	2 95	244	23 69				
		1	0 05	4	0 62				
240				8	0 72				
16									
305				11	1 69				
14									
36				1	0 09				
274		23	1 20	89	8 73				
4,346		643	41 39	682	79 37	235	2 35		
12,095		1,343	95 96	1,680	196 95	235	2 35		
				109	3 22			84	15 25
44		145	18 62	53	2 89				
		6,865	88 64	6,900	224 95				
641		157,119	5,211 34	84,072	1,507 78			8,598	143 30
		608	16 23	1,692	35 26				
2,064		284,350	26,847 60	10,754	406 37	44	0 44	14,483	86 80
		43,952	1,296 01	161	5 45				
		5	0 50	1	0 08				

## APPENDIX

## No. (A) 32.—STATEMENT of Traffic on the undermentioned

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Railway Ties, in Vessels....	1,268	186 66	515	11 76	749	52 67
do Rafts.....	13	1 00				
Masts, Spars and Telegraph Poles, in Vessels.....	253	37 95	50	0 63	1	0 07
Masts, Spars and Telegraph Poles, in Rafts.....			16,334	343 70	96	6 60
Square Timber, in Vessels....	65,247	9,737 58	5,815	292 13		
do Rafts.....	1,414	61 49	17,884	448 60	485	48 44
Woodenware and Wood partly manufactured.....	242	62 05	364	128 95		
Shingles.....	371	194 87	19	4 17	5	1 92
Split Posts and Fence Rails, in Vessels.....	1	0 10	12	3 00		
Split Posts and Fence Rails, in Rafts.....						
Saw Logs.....	8,628	447 65	16,742	382 60		
Staves and Headings, Barrel	79	10 10	1,439	111 75		
do do Pipe..	6,982	1,307 55	2,386	299 40		
do do W. India...	1,199	224 29	886	133 20		
do do Salt Barrel	38	5 40				
Traverses.....			14,222	37 00	20	0 40
Hop Poles.....			635	24 00		
Total Class No. 5.....	258,045	33,317 43	255,060	11,072 27	47,047	2,778 06
<i>Special Class.</i>						
Kryolite or Chemical Ore....	91	4 55	632	31 60		
Iron Ore.....	23,605	1,180 25			8,429	421 45
Stone unroughed, not suit- able for cutting.....	13,872	795 37	1,194	80 25	235	17 00
Ice.....	13,175	658 75				
Total Special Class.....	50,743	2,638 92	1,826	111 85	8,664	438 45
Total Freight and Tolls.....	1,071,075	208,789 27	652,709	76,006 75	203,697	20,486 57
Timber and other Wood, Free	450	21 90				
Wheat, Corn, Flour, Iron, Salt, Coal, &c., Free.....	28,285	4,463 30	294,829	33,829 37	4,729	467 57
Grand Totals, Passengers and Tonnage of Vessels not included.....	1,099,810	213,274 47	947,538	109,836 12	208,426	20,954 14

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

A.—Continued.

Canals, and the Amount of Tolls collected, &c—Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		cts.		\$ cts.		\$ cts.		\$ cts.
894		1,324	182 25	1,870	140 13			182	8 88
		70	2 63						
3				12	0 38			225	2 34
6,600		2,444	35 07	1,648	70 84				
18		3	0 40	78	11 10				
		164	53 55	185	51 74			70	7 43
		22	3 41	95	13 88			67	8 88
		1	0 13	3	0 32				
		1,859	42 83	4,703	107 38			4,329	29 90
		170	10 20	703	35 95				
50									
44									
		1,267	6 83	7,080	78 26			92	1 15
				812	58 00				
10,358		500,368	33,816 24	120,929	2,753 98	44	0 44	28,130	303 93
		120	6 00	1,752	87 60				
				18	0 27			3,682	36 82
		120	6 00	1,770	87 87			3,682	36 82
99,351	3,595 47	513,930	39,787 62	135,652	5,272 09	752	32 82	31,812	633 25
		551	37 93	2,150	53 78				
99,351	3,595 47	514,481	39,825 55	137,802	5,325 87	752	32 82	31,812	633 25

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.

No. (A) 34.—STATEMENT showing the Amount of Tolls accrued each Month during the Season of Navigation ended December, 1876.

Canals and Offices.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
<b>WELLAND CANAL</b>										
Chippawa.....	0 84	12 49	41 70	5 28	2 34	51 80	14 50	11 30	.....	140 25
Colborne.....	1,722 12	15,531 68	22,040 66	20,634 16	25,442 65	22,334 88	15,308 25	17,386 44	160 01	140,570 85
Dalhousie.....	3,646 67	6,562 48	11,096 21	6,381 19	9,035 23	8,420 52	10,336 48	6,081 70	231 35	61,791 83
Dunnville.....	48 93	117 50	125 31	46 05	76 07	0 25	26 10	135 09	.....	575 30
Maitland.....	93 73	228 46	77 66	200 93	112 55	99 82	220 07	212 37	.....	1,245 59
Robinson.....	200 39	424 52	301 01	288 56	267 61	388 58	328 53	288 13	45 50	2,540 81
St. Catherine's.....	83 34	228 52	291 37	260 75	224 00	292 98	389 53	153 60	0 25	1,924 64
<b>Total, Welland Canal...</b>	<b>5,796 02</b>	<b>23,105 65</b>	<b>33,973 92</b>	<b>27,826 92</b>	<b>35,160 45</b>	<b>31,688 81</b>	<b>26,621 76</b>	<b>24,278 63</b>	<b>437 11</b>	<b>208,789 27</b>
<b>ST. LAWRENCE CANALS.</b>										
Beaubarnois.....	.....	290 31	360 76	215 90	316 78	342 82	570 74	342 70	.....	2,440 04
Cornwall.....	.....	2,857 46	3,488 53	3,500 55	4,030 71	3,217 30	4,870 46	2,037 40	.....	24,025 46
Edwardsburg.....	.....	112 04	64 13	71 23	139 22	50 00	97 10	73 62	3 05	615 36
Kingston.....	.....	4,316 71	3,669 66	1,152 08	2,224 12	932 57	1,853 33	515 71	.....	14,064 18
Lachine.....	.....	399 08	356 10	456 07	746 89	777 40	901 19	314 85	.....	3,951 58
Montreal.....	.....	2,946 37	6,159 13	5,498 19	5,082 94	4,060 31	4,301 98	2,861 28	.....	30,910 13
<b>Total, St. Lawrence Canals</b>	<b>.....</b>	<b>10,921 93</b>	<b>13,493 31</b>	<b>10,894 02</b>	<b>12,540 66</b>	<b>9,380 40</b>	<b>12,591 80</b>	<b>6,165 56</b>	<b>11 07</b>	<b>76,006 75</b>
<b>CHAMBLEY CANAL.</b>										
Chambley.....	.....	382 55	516 71	669 76	736 17	455 49	773 01	985 06	.....	4,528 75
St. John's.....	.....	2,965 68	1,654 94	3,170 68	1,866 18	1,777 99	2,174 70	1,836 76	.....	15,446 93
St. Ours.....	.....	41 20	65 43	80 13	68 26	74 26	78 45	103 16	.....	510 89
<b>Total, Chambley Canal...</b>	<b>.....</b>	<b>3,389 43</b>	<b>2,237 08</b>	<b>3,920 57</b>	<b>2,670 61</b>	<b>2,307 74</b>	<b>3,026 16</b>	<b>2,934 98</b>	<b>.....</b>	<b>20,486 57</b>

	44 64	391 30	599 88	688 73	647 04	453 64	453 60	302 54	14 10	3,595 47
<b>EBRINGTON BAY CANAL.</b>										
Hamilton .....	44 64	391 30	599 88	688 73	647 04	453 64	453 60	302 54	14 10	3,595 47
<b>OTTAWA CANALS.</b>										
Ottawa .....		1,996 80	4,739 65	3,512 66	3,200 80	2,403 37	2,146 35	1,720 25	.....	19,719 68
Carillon .....		51 68	72 23	206 66	441 27	105 19	101 64	111 88	.....	1,090 55
Grenville .....		670 79	2,315 37	2,630 00	2,768 99	2,648 07	2,849 87	2,184 02	.....	15,967 11
St. Anne's .....		295 17	262 11	398 74	491 87	436 79	721 64	403 96	.....	3,010 28
Total, Ottawa Canals .....		3,014 44	7,389 36	6,748 06	6,902 73	5,493 42	5,819 50	4,420 11	.....	39,787 62
<b>RIDEAU CANAL.</b>										
Kingston Mills .....		367 39	454 36	378 40	309 43	285 73	336 27	254 28	.....	2,385 86
Ottawa .....		346 47	622 15	377 77	284 37	234 07	213 96	207 85	71 61	2,368 25
Smith's Falls .....		47 05	87 26	91 29	46 93	88 10	123 82	43 53	.....	527 98
Total, Rideau Canal .....		760 91	1,163 77	847 46	640 73	607 90	674 05	505 66	71 61	5,272 09
<b>St. PETER'S CANAL.</b>										
St. Peters .....		.....	32 82	.....	.....	.....	.....	.....	.....	32 82
<b>NEWCASTLE DISTRICT CANALS.</b>										
Bobcaygeon .....		.....	59 59	41 71	61 08	34 88	71 39	14 00	.....	282 65
Peterborough .....		.....	20 50	42 00	59 00	39 50	12 00	3 50	.....	176 50
Hastings .....		.....	19 75	12 53	42 39	70 31	29 12	.....	.....	174 10
Total, Newcastle District Canals .....		.....	99 84	96 24	162 47	144 69	112 51	17 50	.....	633 25
Grand Total .....	5,840 66	41,583 66	58,994 98	51,022 00	58,794 69	49,976 60	49,302 38	38,624 98	533 89	354,603 84

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

APPENDIX A.----Continued.

No. (A) 35.----GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals during the Season of Navigation ended 31st December, 1876, and the Tolls collected thereon.

VESSELS.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<b>WELLAND CANAL.</b>													
Canadian Vessels, steam.....	642	55,128	28,842	9,911	11	.....	.....	22	32,547	65,061	61,400	126,461	2,682 28
do sail.....	2,116	102,933	70,574	107,534	5,901	.....	.....	6,638	152,196	217,105	228,922	446,027	8,743 76
Total Canadian .....	2,758	168,061	99,416	117,445	5,912	.....	.....	6,660	184,743	282,166	290,322	572,488	11,426 04
United States Vessels, steam.....	561	322	327	12	533	76,095	76,018	357	1,570	76,786	78,448	155,234	3,858 59
do do sail.....	1,410	1,305	662	22,868	2,973	177,346	110,631	3,410	92,388	204,929	206,554	411,483	9,146 90
Total United States.....	2,031	1,627	989	22,880	3,506	253,441	186,519	3,767	93,958	281,715	285,002	566,717	13,005 49
Grand Total, Welland Canal..	4,789	159,688	100,405	140,325	9,418	283,441	186,800	10,427	278,701	563,881	575,324	1,139,205	24,431 53
<b>ST. LAWRENCE CANALS.</b>													
Canadian Vessels, steam.....	3,107	226,948	174,327	5,415	463	244	.....	244	10,468	232,851	185,258	418,109	5,122 12
do do sail.....	5,689	494,202	360,326	2,017	497	24	.....	312	9,523	496,555	360,395	856,950	8,718 95
Total Canadian .....	8,796	721,150	524,653	7,432	960	268	.....	556	19,991	729,406	545,653	1,275,059	13,841 07
United States Vessels, steam.....	562	459	501	7,618	96	7,509	7,800	329	9,953	15,945	18,350	34,293	365 55
do do sail.....	1,169	6,988	11,922	8,796	6,484	341	423	60,821	9,324	76,926	28,153	105,079	1,177 06
Total United States.....	1,731	7,427	12,423	16,444	6,580	7,850	8,223	61,150	19,277	92,871	46,503	139,374	1,542 61
Grand Total, St. Lawrence Canals .....	10,527	728,577	537,076	23,876	7,540	8,118	8,272	61,706	39,268	822,277	592,156	1,414,433	15,383 63

<b>CHAMPLAIN CANAL.</b>													
Canadian Vessels, Steam.....	460	27,563	27,257	329					1,175	27,992	28,432	56,324	272 41
do Sail.....	869	12,918	11,676	9,758				84	36,721	25,790	48,396	71,186	1,218 30
Total Canadian.....	1,329	40,511	38,932	10,087				84	37,896	50,682	76,828	127,510	1,490 71
United States Vessels, Steam.....	6			82			40		299	82	339	421	6 44
do Sail.....	1,140	307	440	18,339			3,098		70,495	18,646	74,033	92,679	1,281 77
Total United States.....	1,146	307	440	18,421			3,138		70,794	18,728	74,372	93,100	1,288 21
Grand Total, Champlain Canal.....	2,475	40,818	39,372	28,508			3,138	84	108,690	69,410	151,200	220,610	2,778 92
<b>BURLINGTON BAY CANAL.</b>													
Canadian Vessels, Steam.....	627	74,758	74,992		379			907		75,665	75,371	151,036	3,020 91
do Sail.....	287	7,122	13,013		14,752			19,260	229	26,382	27,994	54,376	543 86
Total Canadian.....	914	81,880	88,005		15,131			20,167	229	102,047	103,365	205,412	3,564 77
United States Vessels, Steam.....	4				158			158		158	158	316	6 32
do Sail.....	13		217		849			1,372		1,372	1,068	2,438	24 38
Total United States.....	17		217		1,007			1,530		1,530	1,224	2,754	30 70
Grand Total, Burlington Bay Canal.....	931	81,880	88,222		16,138			21,697	229	103,577	104,589	208,166	3,595 47
<b>OTTAWA CANALS.</b>													
Canadian Vessels, Steam.....	1,553	32,620	37,386		450					32,620	37,845	70,465	509 27
do Sail.....	2,590	23,634	154,442		27,811					23,634	182,253	205,887	2,735 45
Total Canadian .....	4,143	56,254	191,828		28,270					56,254	220,098	276,352	3,244 72
United States Vessels, Steam.....	831	7,332	1,802		51,456					14,719	53,258	67,977	1,430 43
do Sail.....	831	7,332	1,802		51,456			7,387		14,719	53,258	67,977	1,430 43
Total United States.....	1,662	14,664	3,604		102,912			7,387		29,438	106,516	134,954	2,860 86
Grand Total, Ottawa Canals.....	4,974	63,586	193,630		79,726			7,387		70,973	273,356	344,329	4,675 15

APPENDIX A.—Continued.  
 No. (A) 35.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals, &c.—Continued.

VESSELS.	Total Number.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<b>RIDEAU CANAL.</b>													
Canadian Vessels, Steam.....	763	13,618	18,579							13,618	18,579	32,197	422 17
do Sail.....	2,047	55,225	69,899							55,225	69,899	125,124	1,097 68
Total Canadian.....	2,810	68,843	88,478							68,843	88,478	157,321	1,519 85
<b>United States Vessels, Steam.....</b>													
do Sail.....	6	52	52							52	52	104	1 50
Total United States.....	86	1,275	5,002							1,275	5,002	6,277	58 31
Grand Total, Rideau Canal.....	2,896	70,118	93,480							70,118	93,480	163,598	1,578 16
<b>ST. PETER'S CANAL.</b>													
Canadian Vessels, Steam.....	33	582	683							582	683	1,265	25 30
do Sail.....	33	582	683							582	683	1,265	25 30
Total Canadian.....	432	9,783	9,244							9,783	9,244	19,027	239 50
<b>NEWCASTLE DISTRICT CANALS.</b>													
Canadian Vessels, Steam.....	106	1,100	9,590							1,100	9,590	10,690	53 00
do Sail.....	535	10,883	18,744							10,883	18,744	29,627	292 50
Total Canadian.....	538	10,883	18,744							10,883	18,744	29,627	292 50
Grand Total, Newcastle District Canals.....													



RECAPITULATION.

VESSELS.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<b>CANADIAN VESSELS.</b>													
<i>Steam and Sail.</i>													
Welland.....	2,758	158,061	99,416	117,445	5,912	251	6,660	184,743	282,166	290,322	572,488	11,426 04	
St. Lawrence.....	8,796	721,150	524,653	7,432	960	49	566	19,991	729,406	545,653	1,275,059	13,841 07	
Chambly.....	1,329	40,511	38,932	10,087	.....	.....	84	37,896	60,682	76,828	127,510	1,490 71	
Burlington Bay.....	914	81,880	88,005	.....	.....	.....	20,167	229	102,047	103,365	205,412	3,664 77	
Ottawa.....	4,143	56,254	191,928	.....	.....	.....	.....	.....	56,254	220,098	276,352	3,244 72	
Rideau.....	2,810	68,843	88,478	.....	.....	.....	.....	.....	68,843	88,478	157,321	1,519 85	
St. Peters.....	33	882	683	.....	.....	.....	.....	.....	582	683	1,265	25 30	
Newcastle District.....	538	10,883	18,744	.....	.....	.....	.....	.....	10,883	18,744	29,627	292 50	
Total Canadian.....	21,321	1,138,164	1,050,739	134,964	50,273	268	27,467	242,859	1,300,863	1,344,171	2,645,034	35,404 96	
<b>UNITED STATES VESSELS.</b>													
<i>Steam and Sail.</i>													
Welland.....	2,031	1,627	989	22,880	3,506	253,441	3,767	93,958	281,715	285,002	566,717	13,005 49	
St. Lawrence.....	1,721	7,427	12,423	16,444	6,580	7,850	61,150	19,277	92,871	46,503	139,374	1,542 61	
Chambly.....	1,146	307	440	18,431	.....	.....	70,794	18,728	18,728	74,372	93,100	1,288 21	
Burlington Bay.....	17	.....	217	.....	1,007	.....	1,530	.....	1,530	1,224	2,754	30 70	
Ottawa.....	831	7,332	1,802	51,456	.....	.....	7,387	.....	14,719	53,258	67,977	1,430 43	
Rideau.....	86	1,275	5,002	.....	.....	.....	.....	.....	1,275	5,002	6,277	58 31	
St. Peters.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total United States.....	5,842	17,968	20,873	57,745	62,549	261,291	73,834	184,029	410,838	465,361	876,199	17,365 75	
Grand Total, Canadian & United States.....	27,163	1,156,132	1,071,612	192,709	112,822	261,559	101,301	426,888	1,711,701	1,809,532	3,521,233	52,760 71	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Concluded.

COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation, 1875-76, with the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

CANALS.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1875.												
Welland Canal.....	30,401	119,350	50,037	8,816	246,546	231,263	12,678	338,959	339,662	698,388	1,039,050	198,092 85
St. Lawrence Canals.....	135,065	622,667	9,664	18,437	842	3,676	93,861	23,428	239,432	668,208	907,640	73,966 79
Chambly Canal.....	7,595	8,335	78,945	.....	.....	.....	.....	149,242	84,538	157,677	242,115	23,658 14
Rideau Canal.....	119,230	44,152	.....	.....	.....	.....	.....	.....	119,230	44,152	163,382	5,784 76
Ottawa Canals.....	2,137	361,741	.....	133,496	.....	.....	100	.....	2,267	496,237	497,494	34,232 28
Burlington Bay Canal...	2,091	38,957	.....	14,872	.....	.....	50,784	.....	71,695	53,829	125,524	4,439 02
St. Peter's Canal.....	3,982	14,134	.....	.....	.....	.....	.....	.....	3,982	14,134	18,116	792 78
1876.												
Welland Canal.....	41,394	128,323	35,650	6,114	239,713	249,102	12,092	387,522	328,749	771,061	1,099,810	208,789 27
St. Lawrence Canals.....	149,023	655,441	8,145	5,652	507	1,994	83,428	43,348	241,103	706,435	947,538	76,006 75
Chambly Canal.....	12,887	5,756	48,888	.....	.....	8,640	.....	.....	61,575	146,851	208,426	20,486 57
Rideau Canal.....	105,349	32,453	.....	.....	.....	.....	.....	.....	105,349	32,453	137,802	5,272 09
Ottawa Canals.....	1,735	344,069	.....	168,647	.....	.....	30	.....	1,765	512,716	514,481	39,787 62
Burlington Bay Canal...	25,327	30,292	18	6,018	.....	.....	37,696	.....	63,041	36,310	99,351	3,595 47
St. Peter's Canal.....	149	603	.....	.....	.....	.....	.....	.....	149	603	752	32 82
Newcastle Dist. Canals.	31,672	140	.....	.....	.....	.....	.....	.....	31,672	140	31,812	633 25

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

A. BRUNEL,  
Commissioner.

APPENDIX A.—Continued.

No 39.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1876.

WELLAND AND ST. LAWRENCE CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	11	88	10	80	2	16	.....	.....
10	6	60	8	80	4	40	2	20
12	4	48	3	36	4	48	1	12
15	6	90	5	75	1	15	.....	.....
20	13	260	8	160	9	180	2	40
25	20	500	3	75	6	150	.....	.....
30	15	450	4	120	1	30	2	60
35	6	210	5	175	.....	.....	.....	.....
40	7	280	11	440	1	40	.....	.....
45	3	135	3	125	.....	.....	1	45
50	4	200	24	1,200	.....	.....	2	100
55	5	275	8	440	.....	.....	5	275
60	2	120	11	660	.....	.....	33	1,980
65	7	455	10	650	1	65	68	4,420
70	.....	.....	11	770	1	70	63	4,410
75	1	75	20	1,500	2	150	39	2,925
80	2	160	30	2,400	.....	.....	10	800
85	1	85	24	2,040	.....	.....	4	340
90	3	270	58	5,220	.....	.....	9	810
95	2	190	67	6,365	2	190	18	1,710
100	3	300	51	5,100	1	100	36	3,600
105	2	210	61	6,405	.....	.....	19	1,995
110	4	440	30	3,300	1	110	33	3,630
115	1	115	16	1,840	.....	.....	12	1,380
120	1	120	17	2,040	.....	.....	3	360
125	1	125	13	1,625	1	125	4	500
130	1	130	20	2,600	.....	.....	2	260
135	1	135	11	1,485	.....	.....	1	135
140	1	140	18	2,520	.....	.....	1	140
145	.....	.....	9	1,305	.....	.....	1	145
150	2	300	10	1,500	.....	.....	4	600
155	.....	.....	14	2,170	.....	.....	.....	.....
160	1	160	10	1,600	.....	.....	.....	.....
165	1	165	9	1,485	.....	.....	.....	.....
170	1	170	1	170	.....	.....	4	680
175	2	350	9	1,575	.....	.....	1	175
180	1	180	5	900	.....	.....	.....	.....
185	1	185	9	1,665	.....	.....	3	555
190	1	190	9	1,710	.....	.....	.....	.....
195	.....	.....	12	2,340	.....	.....	2	390
200	.....	.....	7	1,400	.....	.....	3	600
205	.....	.....	4	820	.....	.....	2	410
210	.....	.....	3	630	1	210	6	1,260
215	1	215	5	1,075	.....	.....	3	645
220	3	660	8	1,760	.....	.....	1	220
225	1	225	4	900	.....	.....	8	1,800
230	1	230	5	1,150	.....	.....	4	920
235	.....	.....	6	1,410	.....	.....	8	1,880
240	1	240	6	1,440	.....	.....	3	720
245	3	735	5	1,225	.....	.....	1	245
250	2	500	3	750	.....	.....	2	500
255	.....	.....	3	765	1	255	5	1,275

APPENDIX A.—Continued.

No. 39.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Continued.

WELLAND AND ST. LAWRENCE CANALS.—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
260			4	1,040	1	260	2	520
265	4	1,060	3	795			3	795
270	2	540	2	540			4	1,080
275			1	275			1	275
280			2	560			9	2,520
285	5	1,425	4	1,140			3	855
290	3	870	6	1,740			8	2,320
295	1	295	5	1,475			13	3,835
300	5	1,500	3	900			17	5,100
305	2	610	5	1,525	2	610	5	1,525
310			5	1,550			8	2,480
315			1	315			10	3,150
320	1	320	9	2,880			14	4,480
325			2	650			9	2,925
330			5	1,650			5	1,650
335	1	335	4	1,340			14	4,690
340			7	2,380			4	1,360
345			2	690			4	1,380
350	1	350	6	2,100			5	1,750
355			5	1,775			3	1,065
360			11	3,960			2	720
365			7	2,555			1	365
370			6	2,220	1	370		
375			4	1,500			1	375
380							1	380
385			5	1,925				
390			1	390				
395			2	790				
400	1	400						
405								
410					1	415		
415								
420					1	420		
425			2	850				
430					1	430		
434	1	434						
435					1	435		
436					1	436		
437					2	874		
440			1	440	2	880		
446					1	446		
447					1	447		
454					1	454		
460					1	460		
461					1	461		
479					1	479		
483			1	483				
504					1	504		
516	1	516						
520			1	520				
598			1	598				
998			1	998				
Total ...	183	18,826	840	121,830	59	10,175	577	88,557

APPENDIX A—*Continued.*No. 39.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—*Continued.*

RIDEAU, OTTAWA AND CHAMBLY CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	16	128	75	600			2	16
10	6	60	58	580			1	10
12	2	24	23	276				
15	2	30	25	375				
20	7	140	28	560				
25	6	150	9	225				
30	3	90	6	180				
35	3	105	11	385				
40	4	160	8	320	1	40		
45	6	270	3	135			1	45
50	3	150	18	900			10	50
55	4	220	6	330			1	55
60	4	240	11	660			53	3,180
65	5	325	9	585	2	130	88	5,720
70	2	140	13	910	1	70	73	5,110
75	4	300	8	600			44	3,300
80			17	1,360	1	80	13	1,040
85	3	255	24	2,040			6	510
90	1	90	40	3,600			16	1,440
95	1	95	68	6,460			21	1,995
100	1	100	49	4,900			38	3,800
105			49	5,145			26	2,730
110	2	220	19	2,090			26	2,860
115	1	115	4	460			14	1,610
120			12	1,440			3	360
125			5	625	1	125	1	125
130			9	1,170				
135			5	675				
140			4	560				
145			4	580				
150			1	150				
155			3	465				
160			1	160				
165			1	165				
170			1	170				
175			1	175				
487	1	467						
<b>Total ...</b>	<b>87</b>	<b>3,874</b>	<b>628</b>	<b>40,011</b>	<b>6</b>	<b>445</b>	<b>437</b>	<b>34,451</b>

A. BRUNEL,  
*Commissioner.*INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

APPENDIX A.—Continued.  
 No. 40.—STATEMENT showing the Number and Classified Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1876.  
 WELLAND AND ST. LAWRENCE CANALS.

CANADIAN.										UNITED STATES.									
Steam Vessels.		No.	Tonnage.	Sailing Vessels.		No.	Tonnage.	Steam Vessels.		No.	Tonnage.	Sailing Vessels.		No.	Tonnage.				
Class.				Class.				Class.				Class.							
1	250 to 516 tons...	30	9,155	1	250 to 998 tons...	130	44,064	1	250 to 504 tons...	21	8,636	1	250 to 380 tons...	153	47,370				
2	200 to 249 "	10	2,305	2	200 to 249 "	53	11,810	2	200 to 249 "	1	210	2	200 to 249 "	39	8,695				
3	150 to 199 "	10	1,700	3	150 to 199 "	88	15,115	3	150 to 199 "	3	335	3	150 to 199 "	14	2,400				
4	100 to 149 "	15	1,715	4	100 to 149 "	246	28,220	4	100 to 149 "	6	475	4	100 to 149 "	112	12,145				
5	50 to 99 "	27	1,830	5	50 to 99 "	263	21,245	5	50 to 99 "	6	519	5	50 to 99 "	251	17,770				
6	Under 50 "	91	2,121	6	Under 50 "	60	1,376	6	Under 50 "	28	519	6	Under 50 "	8	177				
	Total.....	183	18,826		Total.....	840	121,830		Total.....	59	10,175		Total.....	577	88,557				
RIDEAU, OTTAWA AND CHAMBLY CANALS.																			
1	450 to 467 tons...	1	467	3	150 to 199 tons...	8	1,285	4	100 to 149 tons...	1	125	4	100 to 149 tons...	108	11,485				
4	100 to 149 "	4	435	5	100 to 149 "	160	17,645	5	50 to 99 "	4	280	5	50 to 99 "	325	22,895				
5	50 to 99 "	27	1,815	6	50 to 99 "	214	17,445	6	Under 50 "	1	40	6	Under 50 "	4	71				
	Under 50 "	55	1,157	6	Under 50 "	246	3,636		Total.....	6	445		Total.....	437	34,451				
	Total.....	87	3,874		Total.....	628	40,011		Total.....	6	445		Total.....	437	34,451				

A. BRUNEL,  
 Commissioner.

INLAND REVENUE DEPARTMENT  
 OTTAWA, 31st December, 1876.

APPENDIX A.—Continued.

No. 41.—The Canals of the Dominion of Canada, 1876-77.

RATES OF TOLL.

The Rates of Tolls are divided into Five Classes as under, and are per ton, unless otherwise specified.	Welland Canal, each way.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Lake Erie to Montreal, each way.	Burlington Bay Canal, each way.	Ottawa and Rideau Canals, each way.	St. Ann's Lock, each way.	Ottawa to St. John's.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Class No. 1.</i>								
Vessels, Steam..... per ton..	0 02 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 04	0 02	0 03	0 00 $\frac{1}{2}$	0 02 $\frac{1}{2}$
do Sail and other ..... do ..	0 02 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 04	0 01	0 03	0 00 $\frac{1}{2}$	0 02 $\frac{1}{2}$
<i>Class No. 2.</i>								
Passengers, 21 years of age and upwards, each .....	0 10	0 10	0 05	0 20		0 10	0 00 $\frac{1}{2}$	0 10 $\frac{1}{2}$
Passengers, under 21 years, each.....	0 05	0 05	0 02	0 10		0 05	0 00 $\frac{1}{2}$	
<i>Class No. 3.</i>								
Corn.....								
Coal.....								
Flour.....								
Iron, Railway.....								
do Pig.....								
do all other.....								
Plaster, Gypsum.....								
Salt.....	20	0 15	0 10	0 35		0 10	0 03	0 20
Salt Meats or Fish, in Barrels or otherwise.....								
Agricultural Products, Vegetable, not enumerated.....								
Agricultural Products, Animal, not enumerated.....								
Stone, for cutting.....								
Wheat.....								
<i>Class No. 4.</i>								
All other Articles, not enumerated.....	0 40	0 20	0 10	0 60		0 35	0 05	0 30
<i>Class No. 5.</i>								
Bark.....	0 20	0 15	0 10.	0 35		0 10	0 03	0 19 $\frac{1}{2}$
Barrels, Empty.....	0 02	0 02	0 02	0 04		0 02	0 01	0 04
Boat Knees.....	0 05	0 02	0 02	0 07		0 02	0 01	0 04
Floats, per 1,000 lineal feet .....	1 40	1 40	1 20	2 80		1 40	0 15	2 05
Firewood, per cord, in Vessels.....	0 20	0 20	0 10	0 40		0 20	0 03	0 23
do do Rafts.....	0 25	0 25	0 15	0 50		0 25	0 03	0 30 $\frac{1}{2}$
Hoops.....	0 25	0 20	0 15	0 45		0 20	0 05	0 30
Masts and Spars, Telegraph Poles, per ton of 40 cubic feet, in Vessels.....	0 15	0 05	0 05	0 20		0 10	0 05	0 13 $\frac{1}{2}$
Masts and Spars, Telegraph Poles, per ton of 40 cubic feet, in Rafts.....	0 20	0 10	0 10	0 30		0 20	0 25	0 42 $\frac{1}{2}$
Railway Ties, in Vessels.....	0 01	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 01 $\frac{1}{2}$		0 01	0 00 $\frac{1}{2}$	0 01 $\frac{1}{2}$
do Rafts.....	0 01	0 01	0 01	0 03		0 02	0 01	0 02 $\frac{1}{2}$
Sawed Stuff, Boards, Plank, Scantling and Sawed Timber, per M. feet, board measure, in Vessels.....	0 30	0 15	0 10	0 45		0 15	0 03	0 20

Free under O. C. of 1st April, 1873.

No. 41.—Continued.

RATES OF TOLL.—Continued.

The Rates of Tolls are divided into Five Classes as under, and are per ton, unless otherwise specified.	Welland Canal, each way.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Lake Erie to Montreal, each way.	Burlington Bay Canal, each way.	Ottawa and Rideau Canals, each way.	St. Ann's Lock, each way.	Ottawa to St. John's.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Class No. 5.—Continued.</i>								
Sawed Stuff, Boards, Plank, Scantling and Sawed Timber, per M. feet, board measure, in Rafts.....	0 60	0 30	0 20	0 90	Free under O. C. of 1st April, 1873.	0 25	0 03	0 36
Square Timber, per M. cubic feet, in Vessels..	3 00	1 00	1 00	4 00		0 75	0 25	1 68
do do Rafts.....	4 50	2 00	2 00	6 50		1 50	0 25	3 12
Waggon Stuff, Woodenware and Wood partly manufactured, per ton of 40 cubic feet.....	0 40	0 40	0 25	0 80		0 40	0 10	0 55
Shingles, per M. ....	0 06	0 06	0 04	0 12		0 06	0 01	0 08
Split Posts and Fence Rails, per M., in Vessels	0 40	0 40	0 20	0 80		0 30	0 05	0 42
do do Rafts...	0 80	0 80	0 40	1 60		0 50	0 05	0 77
Saw Logs, each standard log .....	0 08	0 08	0 05	0 13		0 08	0 05	0 14
Staves and Headings, Barrels, at 2½ tons per M	0 40	0 20	0 15	0 60		0 20	0 05	0 30
do Pipe, at 8 tons per M.....	1 50	1 00	1 00	2 50		1 00	0 25	1 75
do W. India, at 4 tons per M	0 75	0 60	0 25	1 35	0 60	0 10	0 65	
do Salt Barrels, Saw or Out	0 08	0 04	0 03	0 12	0 04	0 01	0 06	
Traverses, per 100 pieces.....	0 60	0 50	0 40	1 00	0 50	0 03	0 68	
Hop Poles, per 1,000 pieces.....	2 00	2 00	1 50	4 00	0 02	0 15	2 65	
<i>Special Class.</i>								
Stone, unwrought, corded, and not suitable for cutting, per cord .....	0 75	0 60	0 37½	1 35		0 37½	0 15	0 15
Iron Ore, Kryolite or Chemical Ore.....	0 05	0 05	0 05	0 05		0 05	0 05	0 05
Ice .....	0 05							

**NOTE.**—Coal to pass up all Canals, except the Welland Canal, free of Toll, as per Order in Council, June 7th, 1869.

Iron Ore, Kryolite or Chemical Ore, through one section, or all the Canals, per ton, 5 cents.

Iron and Salt having paid full Toll through the whole line of the St. Lawrence Canals, or through the Lachine Canal, St. Ann's Lock, or Ottawa and Rideau Canals, shall be allowed to pass free through the Welland Canal; and if Tolls shall have been paid at the Chambly Canal, such Tolls shall be refunded at Montreal or Kingston Mills upon the Iron or Salt leaving the Canal.

Wheat, Flour, Corn, Barley, Pease, Oats and Petroleum, having paid full Tolls through the Welland Canal, shall be allowed to pass free through the St. Lawrence Canals, or through the Ottawa and Rideau Canals, St. Ann's Lock, the Lachine Canal, and the Chambly Canal, provided always that the articles to be entitled to the exemption shall go downwards through the whole length of the Canal to Montreal, or pass upward from Montreal through the whole length of the Ottawa and Rideau Canals to Lake Ontario.

All articles, goods or merchandise, not enumerated above, to be charged to Class No. 4. No Let Passes to be issued to steam tugs or other small vessels for less than 25 cents as a minimum charge, but such vessels not carrying freight or passengers can obtain, on payment of \$30, a season "Let Pass," which will pass them up and down the Canal as often as desired.

Ice passing through the Welland Canal, per ton, 5 cents, per O. C. May 4th, 1874.



## No. 41.—Continued.

## STANDARD FOR ESTIMATING WEIGHTS.

	Tons.
2,000 lbs. avoirdupois.....	1
Per M. is per thousand feet.	
Per Mille is per thousand pieces.	
Green Fruit, 9 barrels are.....	1
Ashes 3 do .....	1
Bark, 4 cords .....	1
Beef, 7 barrels.....	1
Biscuit and Crackers, 9 barrels.....	1
Bricks, common, 1,000.....	2
Butter, 22 kegs or 7 barrels.....	1
Cattle 3 .....	1
Cement and Water Lime, 7 barrels .....	1
Fire Bricks, 1,000.....	3
Fish, 7 barrels .....	1
Flour, 9 barrels.....	1
Gypsum and Manganese, 6 barrels.....	1
Horses, 2.....	1
Lard and Tallow, 7 barrels or 22 kegs.....	1
Liquors and Spirits, 215 gallons.....	1
Liquors, all others, 215 gallons.....	1
Nuts, 9 barrels .....	1
Oysters, 6 barrels.....	1
Pork, 7 barrels.....	1
Salt, 7 barrels.....	1
Seeds, 9 barrels .....	1
Sheep, 20.....	1
Stone, 12 cubic feet.....	1
do 1 cord.....	7½
Whiskey, 4 barrels or 215 gallons.....	1
Empty Barrels, 10.....	1
Barrel Hoops, 10 Mille.....	1
Board and other sawed Lumber, 600 feet board measure .....	1
Boat Knees, 4 pieces.....	1
Firewood, 1 cord.....	3
Hop Poles, 60, or 40 cubic feet.....	1
Shingles, 12 M. or bundles.....	1
Split Posts and Fence Rails, 1 Mille.....	1
Staves and Headings, Pipe, 1 Mille is.....	8
do do West India, 1 Mille is.....	4
do do Barrel, 1 Mille.....	2½
do do Salt Barrel, 1 Mille.....	1
Saw Logs, standard, 1.....	1
Square Timber, 50 cubic feet.....	1
Telegraph Poles, 10, or 40 cubic feet.....	1
Masts and Spars, 40 cubic feet.....	1
Railroad Ties, 18, or 50 cubic feet.....	1
All other Woodenware, or partly manufactured Wood, 40 cubic feet, as per Tariff.....	1
Traverses, 40 cubic feet or 5 pieces.....	1
Floats, 50 lineal feet.....	1

NOTE.—By the Weights and Measures Act of 1873, the following articles are to be estimated by the Cental of 100 lbs., viz.: Barley, Beans, Charcoal, Corn, Oats, Peas, Potatoes, Rye, Salt, Seeds and Wheat.

No. 41.—Continued.

NOTICE.

The following Way Rates to be levied on Vessels and Property passing the several Sub-Divisions of the Canals.

Rate.
<b>WELLAND CANAL.</b>
<ol style="list-style-type: none"> <li>1. From Port Maitland, Dunnville and Port Colborne, to Port Robinson or Allanburg, not passing the Lock, each way.....</li> <li>2. From Chippawa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....</li> <li>3. From Dunnville to Port Colborne.....</li> <li>4. From Thorold to St. Catharines or Port Dalhousie.....</li> <li>5. From Maitland, Dunnville, Colborne or Port Robinson, to Marshville and intermediate places.....</li> <li>6. From Marshville, or intermediate places, to Port Maitland, Dunnville, Port Colborne and Port Robinson.....</li> <li>7. From Port Robinson to Allanburg or Thorold.....</li> <li>8. do do St. Catharines or Port Dalhousie.....</li> <li>9. From St. Catharines to Port Dalhousie.....</li> <li>10. From Dunnville to Maitland.....</li> <li>11. From Port Robinson through the Lock and Chippawa Cut.....</li> <li>12. From Port Colborne to Port Maitland.....</li> <li>13. From Chippawa Cut through the Lock to Port Robinson.....</li> <li>14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....</li> <li>15. do do do do St. Catharines.....</li> <li>16. Through the Chippawa Cut only.....</li> <li>17. Through the Port Robinson Lock only.....</li> </ol>
<b>ST. LAWRENCE CANALS.</b>
<p>The Navigation to be divided into four sections, viz.: Edwardsburg, Cornwall, Beauharnois and Lachine. Tolls to be levied on all vessels and property in proportion to the number of Sections passed through.</p>
<b>CHAMBLY CANAL.</b>
<p>Vessels and Property passing from Sorel to Chambly, to pay.....</p> <p>do do Chambly to St. John's, to pay.....</p>
<b>OTTAWA AND RIDEAU CANALS.</b>
<p>The Navigation of these Canals is divided into four sections: "Carillon and Grenville," "Ottawa," "Smith's Falls," and "Kingston Mills." Vessels and Freight passing one section to be charged one-fourth; two sections, one-half, and so on.</p>
<b>GENERAL.</b>
<p>NOTE.—Any fraction of a ton freight to be charged one ton, and portions of sections to be charged as a whole section on all the above Canals.</p> <p>The passing of Saw Logs or other Lumber through any of the Canals or Sections thereof, is to be at all times governed by the regulations for their management.</p>
<b>HARBOUR DUES.</b>
<p>Vessels receiving or discharging freight at the premises of the Welland Railway, at Ports Colborne or Dalhousie, are to be free from Harbour Dues; but all other Vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of freight so received or discharged—Two cents.</p>

APPENDIX A.—*Continued.*—SLIDES AND BOOMS.

No. 42.—STATEMENT showing the Revenue accrued on the undermentioned Works, for Slides and Booms during the year ended 30th June, 1877.

From.	Amount of Slide and Boom Dues accrued on Timber and Saw Logs.		Total.
	On River to Junction with the Ottawa.	Further through Ottawa Works.	
	\$ cts.	\$ cts.	\$ cts.
Madawaska.....	15,756 42	6,675 53	22,431 95
Petewawa .....	8,703 67	5,198 86	13,902 53
Dumoine .....	3,649 35	4,080 82	7,730 17
Black River.....	3,615 72	5,945 72	9,561 44
Coulonge.....	4,216 54	5,420 33	9,636 87
Gatineau.....	6,824 56	.....	6,824 56
Main Ottawa and tributaries without Govern- ment improvements .....	.....	28,171 31	28,171 31
	42,766 26	55,492 57	98,258 83

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—*Continued.*—SLIDES AND BOOMS.

No 43.—STATEMENT of the number of pieces of Timber and Saw Logs that passed through the Government Slides and Booms on the Ottawa and its tributaries during the undermentioned years.

Years.	Square and Flatted Timber. No. of Pieces	Saw Logs. No. of Pieces.	Revenue Accrued.
January to December, 1857. ....	299,244	172,080	\$ cts. 35,634 00
do do 1867 .....	298,791	1,096,845	74,272 00
July, 1876, to June, 1877.....	445,430	1,132,073	98,258 83
<b>Analysis of Square and Flatted Timber.</b>			
			No. of Pieces.
White Pine.....			381,066
Red Pine.....			50,414
Basswood.....			271
Butternut.....			72
Birch.....			28
Spruce.....			15
Elm.....			489
Piles.....			386
Ash.....			1,638
Tamarac.....			3,123
Maple.....			66
Oak.....			476
Spars.....			91
Cedars.....			6,851
Hemlock.....			239
Poplar.....			205
Total.....			445,430
Cribs Sawn Lumber.....			309
do Dimension Timber.....			19

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

**APPENDIX A.—Continued.**  
**No. 44.—STATEMENT of Lumber, &c., Measured, Culled or Counted at the Port of Quebec, for the Fiscal Year ended 30th June, 1877.**

Pieces.	Description of Timber, &c.	Measured, Culled or Counted.	Tons Standard.	Rates.			Total Amount Accrued.
				Office Fees.	Cullers' Fees.	Total.	
			Tons. Pts.	cts.	cts.	cts.	\$ cts.
16,255	Waney White Pine.....	Stringed.....	69,809 18				
2	do Red Pine.....	do.....	7 06				
2	do Oak.....	do.....	1 17				
2,368	do Ash.....	do.....	2,284 20				
26	do Basewood.....	do.....	34 02				
31	do Butternut.....	do.....	25 09				
1	do Spruce.....	do.....	4 12				
379	do Birch.....	do.....	267 28				
7	do Maple.....	do.....	12 02				
656	do Walnut.....	do.....	510 37				
984	do Hickory.....	do.....	384 29				
129	do Whiteoak.....	do.....	131 03				
18	Balm of Gilead.....	do.....	36 17				
338	Cherry.....	do.....	277 09				
			73,755 09	3	5 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	6,269 20
279,064	White Pine.....	Measured.....	370,320 28				
360	Basewood.....	do.....	361 05				
36	Butternut.....	do.....	35 08				
			370,717 01	2 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	21,130 87
43,356	Red Pine.....	do.....	40,863 19				
42,499	Oak.....	do.....	61,931 17				
11,824	Elm.....	do.....	13,361 27				
6,295	Ash.....	do.....	5,733 14				
7,497	Tamarac.....	do.....	4,344 36				
7,643	Birch.....	do.....	3,461 36				
90	Maple.....	do.....	91 01				
16	Spruce.....	do.....	15 38				
2,534	Hickory.....	do.....	1,499 39				

No. 44.—STATEMENT of Lumber, &c., Measured, Culled or Counted, at the Port of Quebec, &c.—Continued.

Pieces.	Description of Timber, &c.	Measured, Culled or Counted.	Tons Standard	Rates.			Office Fees.	Cullers' Fees.	Total.	Office Fees.	Cullers' Fees.	Total Amount Accrued.
				Office Fees.	Cullers' Fees.	Total.						
			Tons. Pts.	cts.	cts.	cts.	\$	cts.	\$	cts.	\$	
1	Whitewood.....	Measured.....	1 02									
208	B. lm of Gilthead.....	do.....	137 36									
14	Cherry.....	do.....	14 13									
			131,476 38	3½	4½	7½	4,338 74	5,522 03	9,860 77			
1,744	Hemlock.....	do.....	1,044 00	1½	2½	4	17 75	24 01	41 76			
750	Waney White Pine.....	Culled.....	2,156 29	5	9	14	108 29	194 91	303 20			
174	Square do.....	do.....	265 04	3½	7½	10½	8 75	19 35	28 10			
1	Waney Red Pine.....	do.....	1 21	3½	8½	12½	0 06	0 12	0 18			
35	Ash.....	do.....	44 06									
1,755	Birch.....	do.....	754 06									
			798 12	4½	9½	13½	35 92	76 04	110 96			
1,298,177	Pine Deals.....	do.....	1,619,852 07	10	50	60	1,619 85	8,099 26	9,719 11			
799,477	Spruce Deals.....	do.....	796,665 27	10	50	60	796 67	3,983 32	4,779 99			
42,133	Pine Plank.....	do.....		15	35	50	63 20	147 47	210 67			
140,698	Spruce Plank.....	do.....		15	35	50	211 05	492 44	703 49			
2,017,138	Pine Deals.....	Counted.....	2,127,186 22	5	6½	11½	1,063 59	1,426 22	2,486 81			
600,838	Spruce Deals.....	do.....	602,826 03	5	6½	11½	301 41	403 90	705 31			
133,834	Pine Plank.....	do.....			5	5		66 92	66 92			
48,730	Spruce Plank.....	do.....			5	5		22 86	22 86			
965,440	Standard Staves.....	Culled.....	1048 3·2 · 7	1 00	2 50	3 50	1,048 36	2,620 89	3,669 26			
1,214,688	West India Staves.....	do.....	1012·2·1 · 18	50	1 12	1 62	506 12	1,133 71	1,639 83			

585	Cords Lathwood.....	Culled	19 @ 24 in.	10	28 1/2	88 1/2	89 50	254 18	343 68
1	Mast.....	Measured	24 upw'gs	23 1/2	50	75 1/2	0 24	0 50	0 74
3	Masts.....	do	12 @ 19 "	23 1/2	61 1/2	85 1/2	0 70	1 85	2 55
191	Spars.....	do	19 @ 24 "	13 1/2	33 1/2	46 1/2	25 50	63 79	89 39
7	Spars.....	do	74,895 00	23 1/2	50	73 1/2	1 64	3 50	5 14
7,922	Handspikes.....	Culled		10	55	65	7 92	43 57	51 49
	Boards.....	Measured		5	35	40	3 75	26 21	29 96
200,029	Boards.....	Counted			5	5		100 01	100 01
1,707	Boards.....	Culled		5	35	40	0 85	5 98	6 83
3,631	Oak and Ash Plank.....	Counted	198,568 00		5	5		1 82	1 82
19,390	do do.....	do			5	5		9 93	9 93
	do do.....		444,195 00	5	35	40	22 21	155 47	177 68
17,126	White Pine.....	Measured	19,799 24						
248	Red Pine.....	do	221 27						
			20,021 11			3	600 64		600 64
4,333	Wauey White Pine.....	Stringed	6,734 38						
61	do Ash.....	do	65 23						
3	do Butternut.....	do	2 39						
3	do Walnut.....	do	2 26						
4	do Whitewood.....	do	8 25						
59	do Cherry.....	do	62 17						
			6,877 08			7 1/2	515 79		515 79
20,181	White Pine.....	Measured	24,365 27						
1	Basswood.....	do	1 08						
			24,366 35			5	1,218 34		1,218 34
973	Red Pine.....	do	902 38						
5,252	Oak.....	do	8,021 19						
5,421	Elm.....	do	6,918 09						
129	Asn.....	do	147 20						

No. 44.—STATEMENT of Lumber, &c., Measured, Culled or Counted, at the Port of Quebec, &c.—Continued.

Pieces.	Description of Timber, &c.	Measured, Culled or Counted.	Tons Standard.	Rates.			Office Fees.	Cullers' Fees.	Total Amount Accrued.
				Office Fees.	Cullers' Fees.	Total.			
130	Tamarac.....	Measured.....	Tons Pts	cts.	cts.	\$ cts.	\$ cts.	\$ cts.	
1	Birch .....	do .....	88 16	.....	.....	.....	.....	.....	
4	Maple .....	do .....	0 36	.....	.....	.....	.....	.....	
109	Hickory.....	do .....	3 01	.....	.....	.....	.....	.....	
		do .....	130 21	.....	.....	.....	.....	.....	
279	Hemlock .....	.....	16,212 39	.....	6 1/2	1,070 05	.....	1,070 05	
		.....	260 34	.....	3 1/2	9 13	.....	9 13	
	Deduct for Fractions.....	.....	.....	.....	.....	25,166 71	40,817 7	65,984 45	
	Add to Office and deduct from Cullers' Fees.....	.....	.....	.....	.....	.....	0 14	0 14	
	Total .....	.....	.....	.....	.....	25,166 71	40,817 81	65,984 31	
		.....	.....	.....	.....	1 01	1 01	.....	
		.....	.....	.....	.....	25,167 72	40,816 5	66,984 31	

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



APPENDIX A.—Continued.  
 No. 45.—STATEMENT of Lumber, &c., Measured, Culled or Counted, at the Ports of Montreal, Lachine and Sorel, for the Fiscal Year, ended 30th June, 1877.

Pieces.	Description of Timber.	Measured, Culled, or Counted.	Tons Standard.	Rate.			Office Fees. \$ cts.	Cullers' Fees. \$ cts.	Total Amount Accrued. \$ cts.
				Office Rate. Cts.	Cullers' Rate. Cts.	Total. Cts.			
9,774	Square White Pine.	Measured	9,315 35	2 5/10	3 7/10	233 13	298 43	531 56	
12	do Basswood	do	10 2						
			9,325 37						
1,127	do Tamarac	do	734 26						
3,668	do Oak	do	551 10						
135	do Ash	do	98 19						
16	do Maple	do	11 38						
725	do Red Pine	do	571 25						
27	do Elm	do	25 32						
66	do Spruce	do	57 05						
10	do Birch	do	7 37						
2	do Beech	do	0 36						
			2,059 28	3 3/10	4 1/10	67 95	86 50	154 45	
602	Waney Timber	do	728 39	2 5/10	4 5/10	18 22	32 80	51 02	
1,689	Hemlock, square	do	2,260 35	1 1/10	2 3/10	38 43	52 00	90 43	
14	do stringed	do	61 07	3 3/4	5 1/10	1 83	3 36	5 19	
8,255	do lineal	do	315,139 feet.	25	8 1/10	79 02	173 88	252 90	

APPENDIX A.—Continued.

No. 45.—STATEMENT of Lumber, &c., Measured, Culled or Counted, at the Ports of Montreal, Lachine and Sorel, for the Fiscal Year, ended 30th June, 1877.

Description of Timber.	Measured, Culled, or Counted.	Tons Standard.	Rate.		Office Fees.	Cullers' Fees.	Total Amount Accrued.
			Office Rate.	Cullers' Rate.			
		Tons Pts.	Cts.	Cts.	\$ cts.	\$ cts.	\$ cts.
614 Deals .....	Culled.....	.....	10	50	0 79	3 93	4 72
108,725 Sawn Lumber, for exportation.....	Culled.....	.....	.....	.....	.....	54 86	51 86
44,550 Staves, pine.....	.....	M 37.1.0	50	112	18 50	41 44	59 94
471 Hemlock, flat.....	.....	.....	20	36	4 34	7 81	13 15
29 Spruce .....	.....	21,703 feet.	.....	.....	.....	.....	.....
Total .....	.....	.....	.....	.....	462 21	755 01	1,217 22
Deduct for overcharge under old tariff.....	.....	.....	.....	.....	41 71	31 89	73 60
Total .....	.....	.....	.....	.....	420 50	723 12	1,143 62

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX A.—Continued.

No. 46.—STATEMENT of Bill Stamps issued on Requisition by the Inland Revenue Department, for the Year ended 30th June, 1877.

Supplied to Distributors.	1 Cent.	2 Cents.	3 Cents.	4 Cents.	5 Cents.	6 Cents.	7 Cents.	8 Cents.	9 Cents.	10 Cents.	20 Cents.	30 Cents.	40 Cents.	50 Cents.	\$1	\$2	\$3	Total.
In Manitoba ...	3,000	2,000	5,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500	300	300	200	100	.....	.....	880 00
To Post Office Department.	185,000	170,000	290,000	1,000	5,000	110,000	.....	1,000	45,000	15,500	10,000	6,000	1,000	1,800	500	200	.....	32,520 00
In Nova Scotia	6,000	5,000	45,000	5,000	10,000	20,000	1,000	1,000	13,000	11,500	4,500	1,500	1,000	2,100	500	.....	.....	9,180 00
In New Brunswick.....	11,000	7,500	27,000	1,500	4,500	27,000	1,000	1,000	16,000	7,000	5,000	4,000	2,300	4,000	800	100	.....	11,685 00
In Ontario and Quebec.....	234,384	200,098	541,795	22,828	52,644	356,510	17,413	20,523	213,365	73,648	53,069	56,579	20,943	31,549	16,878	4,368	2,639	161,914 17
Grand Total.	439,384	394,598	918,795	30,328	73,144	513,510	19,413	23,523	287,365	108,648	73,069	68,379	25,543	39,649	18,778	4,658	2,539	\$216,179 17

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT  
OTTAWA, 31st July, 1877.



APPENDIX B.

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DETAILS OF EXPENDITURE.

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## APPENDIX B.

## No. 1.—DETAILS of Excise Expenditure, 1876-77.

To whom Paid.	Service.	Deducted for Superannuation.		Amounts Paid.		Total for each Division.	
		\$	cts.	\$	cts.	\$	cts.
<i>Algoma.</i>							
Ironside, G. A .....	Salary as Collector for the year.....	4	96	395	04	484	89
	Contingencies .....				89		
<i>Belleville.</i>							
Hamilton, W. L.....	Salary as Deputy Collector, 1st July to					4,437	41
	31st August.....	6	64	326	68		
Mason, F .....	do Exciseman, 1st July to 31st Oct	3	00	147	00		
Barrett, J. K.....	do do 1st Sept. to 30th June.	16	64	816	70		
McAllister, A .....	do do 1st Nov. to 30th June..	13	32	653	36		
Dingman, N. J .....	do do for the year.....	12	00	588	00		
	Salaries .....	51	60	2,531	74		
	Contingencies.....			1,905	67		
<i>Cobourg.</i>							
Graveley, W.....	Salary as Collector for the year .....	24	00	1,176	00	2,412	14
Murphy, F.....	do Exciseman do .....	13	96	686	04		
McAllister, A.....	do do 1st July to 31st Oct.	6	66	326	67		
	Salaries .....	44	62	2,188	71		
	Contingencies .....			223	43		
<i>Collingwood.</i>							
Graham, W. J.....	Salary as Collector for the year.....	16	04	783	96	845	06
	Contingencies .....				61		
<i>Cornwall.</i>							
McLean N.....	Salary as Collector, 1st July to 15th Dec.	2	83	224	28	835	83
	Contingencies .....				611		
<i>Goderich.</i>							
Caven, A.....	Salary as Collector for the year .....	19	96	980	04	4,714	31
Elwood, G. V.....	do Exciseman do .....	16	04	783	96		
Detlor, S. H.....	do do do .....	13	96	686	04		
Lang, V .....	do Preventive Officer for the year	1	80	148	20		
	Salaries .....	51	76	2,596	24		
	Contingencies .....			2,116	07		

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
	<i>Guelph.</i>	\$ cts.	\$ cts.	\$ cts.
McLean, D.	Salary as Collector for the year	21 93	1,078 02	
Greay, S.	do Exciseman do	19 96	980 04	
Alexander, T.	do do do	19 96	980 04	
Mason, F.	do do 1st Nov. to 30th June	13 32	653 36	
McCord, M.	do do for the year	16 04	783 96	
Campbell, J. McD.	do do do	16 04	783 96	
Kennedy, J. D.	do do do	16 04	783 96	
Dixon, R. B.	do do do	16 04	783 96	
Powell, J. B.	do do do	13 96	686 04	
Nicholls, J. F.	do do do	13 96	686 04	
Browne, G. W.	do do do	13 96	686 04	
Weymes, C.	do do do	12 00	588 00	
Adams, G. S.	do do do	12 00	588 00	
	Salaries	205 21	10,061 42	
	Contingencies		3,526 07	13,587 49
	<i>Hamilton.</i>			
Patton, Wm.	Salary as Collector for the year	28 04	1,371 96	
Ross, S. F.	do Deputy Collector for the year	19 96	980 04	
Barrett, J. K.	do Exciseman, 1st July to 31st August	3 32	163 34	
Dickson, C. T.	do Exciseman, 1st September to 30th June	16 64	816 70	
Stewart, John	do Exciseman for the year	16 04	783 96	
Stuart, A.	do do do	16 04	783 96	
Crawford, W. P.	do do do	16 04	783 96	
Jagoe, J. F.	do do do	13 96	686 04	
Arnot, A. D.	do do do	13 96	686 04	
	Salaries	144 00	7,056 00	
	Contingencies		1,422 16	8,478 16
	<i>Kingston.</i>			
Rowland, F.	Salary as Collector for the year	24 00	1,176 00	
Cameron, D. M.	do Exciseman do	12 00	588 00	
	Salaries	36 00	1,764 00	
	Contingencies		1,514 24	3,278 24
	<i>London.</i>			
Spence, J.	Salary as Collector for the year	25 96	1,274 04	
Smith, H. A.	do Book-keeper for month of July	1 66	81 67	
Metcalf, W. F.	do Exciseman for the year	19 96	980 04	
Blair, J. B.	do Book-keeper from 1st August to 30th June	18 93	931 03	
Moore, W.	do Exciseman for the year	16 04	783 96	
Taylor, J. F.	do do do	13 96	686 04	
Coles, F. H.	do do do	13 96	686 04	

## APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>London.—Concluded.</i>				
Armstrong, W. H.....	Salary as Deputy Collector for the year	13 96	686 04	
Wilson, D.....	do Exciseman do ...	12 00	588 00	
Hanvey, D.....	do Deputy Collector do ...	12 00	588 00	
Schram, B.....	do Exciseman do ...	12 00	588 00	
	Salaries .....	160 48	7,872 86	
	Contingencies .....		2,067 24	9,940 10
<i>Ottawa.</i>				
Battle, Martin.....	Salary as Collector for the year.....	24 00	1,176 00	
Henry, J. M. B.....	do Deputy Collector for the year	18 00	882 00	
Brough, James S.....	do Exciseman do ...	13 96	686 04	
O'Brien, G. S.....	do do do ...	12 00	588 00	
	Salaries .....	67 96	3,332 04	
	Contingencies .....		181 21	3,513 25
<i>Paris.</i>				
Hart, D. W.....	Salary as Collector for the year.....	24 00	1,176 00	
Nelles, R. F.....	do Deputy Collector for the year	19 96	980 04	
McWhinnie, J.....	do Exciseman do ...	16 04	783 96	
Patton, J.....	do Book-keeper do ...	16 04	783 96	
Marter, W. P.....	do Exciseman do ...	13 96	686 04	
Jones, C. A.....	do do do ...	13 96	686 04	
	Salaries .....	103 96	5,096 04	
	Contingencies .....		1,189 97	6,286 01
<i>Perth.</i>				
Kellock, D.....	Salary as Collector for the year ..	13 96	686 04	
	Contingencies .....		157 25	843 29
<i>Peterborough.</i>				
Hall, J. J.....	Salary as Collector for the year ..	13 96	686 04	
Knowlson, J. B.....	do Deputy Collector for the year.	12 00	588 00	
	Salaries .....	25 96	1,274 04	
	Contingencies .....		16 56	1,290 60
<i>Prescott.</i>				
Merrill, S. P.....	Salary as Collector for the year.....	28 00	1,372 00	
Kenning, J. H.....	do Exciseman do ...	19 96	980 04	
Ford, J.....	do do do ...	16 04	783 96	
Gerald, W.....	do Preventive Officer for the year	4 00	196 00	
	Salaries .....	68 00	3,332 00	
	Contingencies .....		1,638 25	4,970 25



APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.	
		\$ cts.	\$ cts.	\$ <u>l</u> cts.	
<i>Sarnia.</i>					
McGlashan, P. ....	Salary as Collector for the year.....	28 04	1,371 96	3,171 38	
Vidal, T. J. ....	do Exciseman for the month of July .....	1 16	57 17		
Merrick, G. ....	do do 1st July to 31st March .....	10 44	514 53		
	Salaries .....	39 64	1,943 66		
	Contingencies .....		1,227 72		
<i>St. Catharines.</i>					
Seymour, J. ....	Salary as Collector for the year.....	28 04	1,371 96		4,767 55
Hamilton, W. L. ....	do Deputy Collector, 1st September to 30th June.....	15 00	735 00		
Brougham, M. E. ....	do Exciseman for the year .....	13 96	686 04		
Kinnear, J. ....	do Asst. Collector for the year.....	12 00	588 00		
Dunn, A. ....	do Exciseman do .....	12 00	588 00		
	Salaries .....	81 00	3,969 00		
	Contingencies .....		798 55		
<i>Toronto.</i>					
Morrow, J. ....	Salary as Collector for the year.....	36 00	1,764 00	19,813 87	
Stratton, W. C. ....	do Deputy Collector for the year .....	22 04	1,077 96		
Gorrie, W. M. ....	do Book-keeper do .....	19 96	980 04		
McDonell, A. D. ....	do Assistant Collector do .....	18 00	882 00		
Smith, H. A. ....	do Exciseman, 1st August to 30th June .....	18 30	898 37		
Davis, T. G. ....	do Exciseman, for the year.....	19 96	980 04		
Rogerson, J. M. ....	do do do .....	19 97	980 02		
McPherson, A. F. ....	do do do .....	19 97	980 02		
Reddan, W. ....	do do do .....	19 98	980 03		
Gerald, W. J. ....	do Asst. Book-keeper, 1st Nov. to 30th June.....	13 32	653 36		
Bennett, J. ....	do Exciseman for the year.....	16 04	783 96		
Hartley, R. A. ....	do Deputy Collector for the year .....	13 96	686 04		
Sanford, S. M. ....	do Exciseman do .....	13 96	686 04		
Blair, J. B. ....	do do for month of July... ..	1 00	49 00		
Mulligan, J. ....	do do for the year.....	12 00	588 00		
Davis, J. J. ....	do do do .....	12 00	588 00		
Thompson, J. G. ....	do do do .....	12 00	588 00		
Milliken, E. ....	do do do .....	12 00	588 00		
Heap, R. ....	do do do .....	12 00	588 00		
Striker, E. H. ....	do do do .....	12 00	588 00		
	Salaries.....	324 46	15,908 88		
	Contingencies .....		3,904 99		
<i>Windsor.</i>					
Gow, James. ....	Salary as Collector for the year.....	36 00	1,764 00		
Fortier, C. G. ....	do Deputy Collector for the year .....	19 96	980 04		
Gill, W. ....	do Book-keeper do .....	19 96	980 04		
Gerald, W. J. ....	do do 1st July to 30th October .....	6 66	326 67		

## APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
<i>Windsor.—Concluded.</i>				
			\$ cts.	\$ cts
Earle, R. H.....	Salary as Exciseman for the year.....	19 96	980 04	
Donaghy, W.....	do do do .....	19 96	980 04	
Miller, W. F.....	do do do .....	19 96	980 04	
Dickson, C. T.....	do do 1st July to 31st August .....	3 32	163 34	
Ramon, P.....	do Exciseman for the year.....	19 96	980 04	
Dunlop, C.....	do Deputy Collector for the year .....	16 04	783 96	
Elliott, R. N.....	do do do .....	13 96	686 04	
Vidal, T. G.....	do Exciseman, 1st Aug., to 30th June .....	12 80	628 87	
Yates, J. M.....	do Exciseman for the year.....	12 00	588 00	
Girdlestone, R. J. M.....	do do do .....	12 00	588 00	
Devlin, J.....	do do do .....	12 00	588 00	
Maisonville, F. H.....	do do do .....	12 00	588 00	
	Salaries.....	256 54	12,585 12	
	Contingencies .....		3,954 90	16,540 02
<i>Beauharnois.</i>				
McEachern, A.....	Salary as Collector for the year .....	4 96	395 04	
	Contingencies .....		82 00	477 04
<i>Montreal.</i>				
Browne, D.....	Salary as Collector for the year.....	36 00	1,764 00	
Fauteux, L. G.....	do Deputy Collector for the year .....	24 00	1,176 00	
Dodd, J.....	do Book-keeper do .....	19 96	980 04	
Vincent, J. L.....	do Exciseman do .....	19 96	980 04	
Hastie, W.....	do do do .....	18 00	882 00	
Richard, R.....	do do do .....	16 04	783 96	
Duquet, F.....	do do do .....	16 04	783 96	
Villeneuve, J.....	do do do .....	16 04	783 96	
Macdonald, D.....	do do do .....	16 04	783 96	
Barker, C.....	do do do .....	13 96	686 04	
Bulmer, W.....	do do do .....	13 96	686 04	
Culhane, T.....	do do 1st July to 28th Feb. .....	9 28	457 36	
Camyré, J. N.....	do do for the year.....	13 96	686 04	
Malo, T.....	do do do .....	13 96	686 04	
Goron, D.....	do do do .....	12 00	588 00	
Ste. Marie, L. C. A.....	do do do .....	12 00	588 00	
Demers, L. N.....	do do 1st July to 30th Sept .....	3 00	147 00	
Manning, J.....	do do for the year .....	12 00	588 00	
Roy, A.....	do Deputy Collector for the year .....	4 96	395 04	
	Salaries.....	291 16	14,425 48	
	Contingencies .....		5,783 39	20,208 87
<i>Quebec.</i>				
Fortier, J. E.....	Salary as Collector for the year.....	28 04	1,371 96	
Cahill, J. H.....	do Book-keeper do .....	18 00	882 00	
Bourassa, G.....	do Exciseman do .....	16 04	783 96	
McNamara, M.....	do do do .....	13 96	686 04	
Rouleau, J.....	do do do .....	13 96	686 04	

## APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
	<i>Quebec.—Concluded.</i>			
Courtney, J. ....	Salary as Exciseman, for the year .....	12 93	635 50	
Gregoire, J. ....	do do for month of July .....	1 16	57 17	
Neilan, G. ....	do do for the year .....	12 00	588 00	
Bélanger, C. ....	do do do .....	12 00	588 00	
Bernard, A. ....	do do do .....	13 36	653 34	
	Salaries .....	141 45	6,932 01	
	Contingencies .....		1,158 64	8,090 65
	<i>St. Hyacinthe.</i>			
Boivin, C. A. ....	Salary as Collector for the year .....	12 00	588 00	
	Contingencies .....		213 84	801 84
	<i>St. John's.</i>			
Regnier, P. ....	Salary as Collector for the year .....	4 96	395 04	
Perkins, L. A. ....	do do do .....	4 96	395 04	
	Salaries .....	9 92	790 08	
	Contingencies .....		54 92	845 00
	<i>Sherbrooke.</i>			
Griffith, J. ....	Salary as Collector for the year .....	4 96	395 04	
	Contingencies .....		64 50	459 54
	<i>Terrebonne.</i>			
Leclair, C. J. ....	Salary as Collector for the year .....	4 96	395 04	
	Contingencies .....		49 90	444 94
	<i>Three Rivers.</i>			
	Contingencies .....		819 95	819 95
	<i>Magdalen Islands.</i>			
Fox, J. J. ....	Salary as Preventive Officer for the year .....	6 00	294 00	294 00
	<i>Miramichi.</i>			
Griffin, J. T. ....	Salary as Collector for the year .....	19 96	980 04	
	Contingencies .....		53 00	1,033 04

## APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
	<i>St. John.</i>	\$ cts.	\$ cts.	\$ cts.
Perkins, D. C.....	Salary as Collector for the year.....	24 00	1,176 00	
Travis, G.....	do Deputy Collector for the year.....	16 04	783 96	
Ganong, J. E.....	do Exciseman for the year.....	16 04	783 96	
Frederickson, J.....	do do .....	13 96	686 04	
Mason, J.....	do do .....	12 00	588 00	
Hill, A. M.....	do Collector for the year.....	7 96	392 04	
	Salaries .....	90 00	4,410 00	
	Contingencies.....		1,143 42	5,553 42
	<i>Cape Breton.</i>			
Robertson, L.....	Salary as Collector for the year.....	6 32	493 68	
	Contingencies .....		78 85	572 53
	<i>Halifax.</i>			
Tupper, S.....	Salary as Collector, 1st July to 30th Sept	6 99	342 99	
McLeod, A.....	do Deputy Collector for the year	19 96	980 04	
Hagarty, P.....	do Exciseman do ..	13 96	686 04	
Wainwright, F. G.....	do do do ..	12 00	588 00	
Ead, J.....	do do for month of July, and from 24th Nov. to 30th June	8 23	403 43	
Campbell, G. J.....	do Exciseman, 1st November to 30th June.....	4 24	329 12	
	Salaries .....	65 38	3,329 62	
	Contingencies .....		1,569 46	4,899 08
	<i>Pictou.</i>			
Porteous, T. M.....	Salary as Collector for the year.....	16 04	783 96	
Campbell, G. J.....	do Exciseman, 1st July to 31st October .....	2 08	164 56	
	Salaries .....	18 12	948 52	
	Contingencies .....		58 68	1,007 20
	<i>Farmouth.</i>			
Bingay, T. V. B.....	Salary as Collector for the year.....	6 32	493 68	
	Contingencies .....		35 80	529 48
	<i>Charlottetown.</i>			
Nash, S C.....	Salary as Collector for the year.....	13 96	686 04	
Moore, T.....	do Exciseman do .....	6 32	493 68	
	Salaries .....	20 28	1,179 72	
	Contingencies .....		581 49	1,761 21

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
	<i>Summerside.</i>			
	Contingencies.....			575 59
	<i>Winnipeg.</i>			
Mulvey, S.....	Salary as Collector for the year.....	20 08	979 92	1,561 37
	Contingencies.....		581 45	
	<i>Victoria.</i>			
Good, H. B.....	Salary as Collector for the year.....	32 08	1,567 92	3,459 63
Lindsay, D.....	do Deputy Collector for the year	24 00	1,176 00	
	Salaries .....	56 08	2,743 92	
	Contingencies .....		715 71	
	DISTRICT INSPECTORS.			
	<i>Ontario.</i>			
Dickson, G. P.....	Salary as District Inspector for the year	43 96	2,156 04	2,721 35
	Contingencies .....		565 31	
Romain, C. E.....	Salary as District Inspector for the year	43 96	2,156 04	2,607 79
	Contingencies .....		451 75	
Davis, J.....	Salary as District Inspector for the year	43 96	2,156 04	2,431 22
	Contingencies .....		275 18	
Borradaile, R.....	Salary as District Inspector for the year	36 00	1,764 00	2,519 63
	Contingencies .....		755 63	
	<i>Quebec.</i>			
Bellemare, R.....	Salary as District Inspector for the year	43 96	2,156 04	2,420 59
	Contingencies .....		264 55	
LeMoine, J. M.....	Salary as District Inspector for the year	36 00	1,764 00	1,845 93
	Contingencies.....		81 93	
	<i>Nova Scotia.</i>			
Esson, G., junior.....	Salary as District Inspector for the year	36 00	1,764 00	2,123 92
	Contingencies .....		359 92	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
	<b>DISTRICT INSPECTORS.—Continued.</b>			
	<i>New Brunswick.</i>			
Hanford, T.....	Salary as District Inspector for the year	36 00	1,764 00	2,194 99
	Contingencies.....		430 99	
	<i>Prince Edward Island.</i>			
Macdonald, J. A.....	Salary as District Inspector for the year	24 00	1,176 00	1,242 51
	Contingencies.....		66 51	
	<i>Manitoba.</i>			
Gouin, W. F.....	Salary as District Inspector for the year	40 04	1,959 96	2,273 33
	Contingencies.....		313 37	
	<i>British Columbia.</i>			
Dupont, C. T.....	Salary as District Inspector for the year	44 08	2,155 92	2,174 42
	Contingencies.....		18 50	
	<i>Chief Inspector.</i>			
Godson, H.....	Salary as Chief Inspector for the year	48 00	2,352 00	3,276 29
	Contingencies.....		924 29	
Davis, J. ....	Travelling and incidental expenses as Inspector of Distilleries.....		387 34	3,658 83
Griffin, J. J. & Sons.....	Apparatus for testing vinegar, &c.....		136 51	
Hope, James & Co.....	Dating stamps, tin boxes, &c.....		31 00	
Chaney, H. J.....	Catalogue of scientific instruments, printed reports, &c.....		4 24	
Collector of Customs...	Duty on various articles from England.....		94 16	
Dring & Fage.....	Still, tape lines, &c.....		179 09	
St. L. & O. Railway Co.	Freight.....		30 39	
Bank Note Co.....	Printing tobacco and cigar labels, books, &c.....		2,123 13	
Romain, C. E.....	Expenses in connection with Excise Examinations in Maritime Provinces.....		375 98	
Copland, W.....	Ale for testing purposes.....		7 40	
Canadian Express Co.	Expressage.....		28 10	
Fr�chet�te, A.....	Translation of circular.....		27 50	
Negretti & Zambra.....	Thermometers.....		47 81	
Hay, R. & Co.....	Furniture.....		64 70	
Booth & Son.....	Malt measure.....		22 00	
Tucker & Reeves.....	Brass padlocks (120).....		270 10	
Mortimer, A.....	One dozen wallets.....		35 50	
Yarmouth Tribune.....	Advertising.....		3 00	
Blyth & Kerr.....	Sundries for testing purposes.....		28 38	
	<b>Total</b> .....		3,896 33	
	Less—Seal-locks sold.....		237 50	
	<b>Total General Contingencies</b> .....			

## APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued

To whom Paid.	Service.	Amounts Paid.	Total.
		\$ cts.	\$ cts.
Pominville, Mrs. F.....	Professional services.....	370 00	
McLay, J.....	do .....	2 80	
Peterson, H. W.....	do .....	502 40	
Hill, T. C.....	do .....	214 71	
Walkem, G. A.....	do .....	15 00	
Bethune, J.....	do .....	68 41	
Morrow, J.....	Law costs.....	30 30	
Oster, J. B.....	Professional services.....	15 00	
Bowlby, W. H.....	do .....	90 00	
Peterson, A. J.....	do .....	25 00	
Bowman, J. D.....	do .....	25 00	
	Total Law Costs.....		1,358 62
McLean, H.....	Commission on Excise collections at Pembroke, to 19th May, 1876.....	4 61	
MacIntosh, R.....	Commission on Excise collections at Kincardine, being balance to 30th June, 1876.....	27 19	
do .....	For year ended 30th June, 1877.....	150 00	
Nicholson, P.....	Commission on Excise collections at Prince Arthur Landing, for year ended 30th June, 1877.....	150 00	
Warren, Joseph.....	Commission on Excise collections at Pembroke, for the year ended 30th June, 1876.....	49 71	
do .....	For nine months ended 31st March, 1877.....	112 50	
Benson, John.....	Commission on Excise collections at Napanee, for year ended 30th June, 1877.....	150 00	
Livingstone, John.....	Commission on Excise collections at Silver Islet, for year ended 30th June, 1876.....	51 54	
Tétu, E.....	Commission on Excise collections at Gaspé, from 23rd August, 1875, to 21st August, 1876.....	48 58	
Gove, C. M.....	Commission on Excise collections at St. Andrews, N.B., for the year ended 30th June, 1876.....	150 00	
Farmer J.....	Commission on Excise collections at Campobello, N.B., from 1st April to 30th June, 1876.....	10 32	
Gallagher, H .....	Commission on Excise collections at Bathurst, N.B., for six months ended 31st December, 1876.....	40 18	
Meahan, F.....	Commission on Excise collections at Bathurst, N.B., to 31st December, 1875.....	177 09	
Haddow, R. B.....	Commission on Excise collections at Newcastle, N.B., 1st July, 1874, to 28th February, 1877.....	165 30	
Ruel, J. W. M.....	Commission on Excise collections at Fredericton, N.B. for 6 months ended 30th June, 1876.....	114 52	
O'Brien, W. J.....	Commission on Excise collections at Bathurst, N.B., quarter ended 31st March, 1877.....	7 67	
McDonald, M.....	Commission on Excise collections at Port Hawkesbury, N.S., to 30th June, 1876.....	5 06	
Dowling, E.....	Commission on Excise collections at Lunenburg, N.S., for year ended 30th June, 1876.....	68 08	
Crow, John F.....	Commission on Excise collections at Truro, N.S., for year ended 30th June, 1876.....	75 28	
O'Brien, E.....	Commission on Excise collections at Windsor, N.S., for year ended 30th June, 1876.....	57 40	
Fullerton, A.....	Commission on Excise collections at Annapolis, N.S., for year ended 30th June, 1876.....	6 16	
Jones, S.....	Commission on Excise collections at Weymouth, N.S., for year ended 30th June, 1876.....	14 75	

## APPENDIX B.—No. 1.—Details of Excise Expenditure, 1876-77.—Continued.

To whom Paid.	Service.	Amounts Paid.	Total.
		\$ cts.	\$ cts.
Letsom, J. J.....	Commission on Excise collections at Port Medway, N.S., from Dec., 1874, to May, 1876.....	10 94	
Freeman, J. H.....	Commission on Excise collections at Liverpool, N.S., 4th April, 1874, to 21st June, 1876.....	17 27	
Montgomery, W.....	Commission on Excise collections at Dalhousie, N.S., 1st July, 1874, to 30th June, 1876.....	60 65	
McPhie, H.....	Commission on Excise collections at Antigonish, N.S., for year ended 30th June, 1876.....	30 73	
do.....	For 9 months ended 31st March, 1877.....	79 33	
Conroy, N.....	Commission on Excise collections at Tignish, P.E.I., May, 1876.....	30 19	
Owen, Chas.....	Commission on Excise collections at Georgetown, P.E.I., September, 1876.....	1 80	
Leard, S. J. B.....	Commission on Excise collections at Crapeau, to 28th September, 1876.....	6 51	
Moynagh, James.....	Commission on Excise collections at Souris, for year ended 31st December, 1876.....	41 33	
	Total Commission to Customs' Officers.....		1,914 69
	Total.....		198,368 34
ADD—Printing.....		6,123 54	
Stationery.....		675 71	
Preventive Service.....		4,995 17	
			11,794 42
	Authorized Disbursements (less Superannuation).....		210,162 76
ADD—Balance due to Collectors, &c., 1st July, 1876.....		49 08	
do by do 30th June, 1877.....		594 38	
			643 46
			210,806 22
LESS—Balance due by Collectors, &c., 1st July, 1876.....		964 42	
do to do 30th June, 1877.....		49 08	
			1,013 50
	Actual Disbursements agreeing with Statement 4, page 6.....		209,792 72

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



APPENDIX B.—Continued.

No. 2.—DETAILS of Canal Expenditure, 1875-76.

Canals.	Names of Employés.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Welland Canal.</i>					
Port Colborne .....	Rooth, W. A., Collector for the year	28 04	1,371 96		
	Scholfield, J. S., Clerk do	6 32	493 68		
	Leggett, J. E., do do	12 00	588 00		
	Willson, G., do do	3 72	296 28		
	Salaries .....	50 08	2,749 92		
	Contingencies.....		50 46		
				2,800 38	
Port Dalhousie.....	Clark, J. S., Collector, 1st July to 31st May.....	22 00	1,078 00		
	Contingencies.....		157 25		
				1,235 25	
Dunnville .....	Tipton, T. L. M., Collector for the year	15 00	735 00		
	Contingencies.....		14 25		
				749 25	
Port Maitland.....	Galbraith, T. J., Collector for the year	10 04	489 96		
	Contingencies.....		112 00		
				601 96	
Port Robinson.....	McFarland, D. E., Collector for the year	14 40	705 60		
	Contingencies.....		59 13		
				764 73	
St. Catharines .....	Clark, J., Collector for the year.....	4 04	195 96		
	Contingencies.....		39 00		
				234 96	
	Total, Welland Canal .....				6,386 53
<i>St. Lawrence Canals.</i>					
Beauharnois.....	Brossoit, T., Collector for the year...	16 96	833 04		
	Contingencies.....		244 80		
				1,077 84	
Cornwall.....	Phelan, J. A., Collector for the year	19 97	980 03		
	Contingencies.....		209 50		
				1,189 53	
Montreal .....	O'Neill, J., Collector for the year...	31 96	1,568 04		
	McNally, T., Clerk do	19 96	980 04		
	Cauchon, A. do do	19 96	980 04		
	Pominville, L. do do	13 96	686 04		
	Bussière, F. do do	12 00	588 00		
	Salaries .....	97 84	4,802 16		
	Contingencies .....		2,464 91		
				7,267 07	
Lachine.....	Dyde, J. S., Collector for the year...	19 96	980 04		
	Hétu, F. X., Clerk do	16 04	783 96		
	Salaries .....	36 00	1,764 00		
	Contingencies.....		685 46		
				2,449 46	
Edwardsburg.....	McMillan, R. P., Collector for the year	15 00	735 00		
	Reid, J., Landing-waiter do	4 96	395 04		
	Salaries.....	19 96	1,130 04		
				1,130 04	
	Total St. Lawrence Canals.....				13,113 94

## APPENDIX B.—No. 2.—Details of Canal Expenditure, 1876-77.—Continued

Canals.	Names of Employés.	Deducted for Superannuation	Amounts Paid.	Total.	Grand Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Chambly Canal.</i>					
Chambly.....	D'Eschambault, H., Collector for the year .....	19 96	980 04		
	Berger, N., Clerk for the year.....	6 32	493 68		
	Salaries .....	26 28	1,473 72		
	Contingencies .....		26 34	1,500 06	
St. John's.....	Brennan, J., Collector for the year...	12 00	588 00		
	Fournier, J. A., Assistant Collector for the year.....	4 04	195 96		
	Salaries.....	16 04	783 96		
	Contingencies.....		132 07	1,916 03	
St. Ours.....	Leboeuf, J., Collector for the year....	6 32	493 68		
	Contingencies.....		19 57	513 25	
	Total, Chambly Canal.....				2,920 34
<i>Rideau Canal.</i>					
Ottawa.....	Carmen, G. A., Collector for the year	16 04	783 96		
	Contingencies.....		849 33	1,633 29	
Kingston Mills.....	Deane, J., Collector for the year.....	2 48	197 52		
	Contingencies.....		48 01	245 53	
Smith's Falls.....	Richey, W. M., Collector for the year	2 48	197 52		
	Contingencies .....		25 35	222 87	
	Total, Rideau Canal.....				2,101 69
<i>Ottawa Canals.</i>					
Grenville.....	Schneider, G. Collector for the year.	12 00	588 00		
	Contingencies .....		137 85	725 85	
Carillon.....	Murphy, D., Collector for the year....	6 32	493 68		
	Contingencies.....		41 43	535 11	
St. Anne's Locks...	Barrett, J., Collector for the year....	18 00	882 00		
	Contingencies.....		49 07	931 07	
	Total, Ottawa Canals.....				2,192 03
<i>Burlington Bay Canal.</i>					
Burlington Bay Canal.....	Campbell, T., Ferryman for the year	3 72	296 28		
	Contingencies.....		3 78		
	Total Burlington Bay Canal....				300 06

APPENDIX B.—No. 2.—Details of Canal Expenditure, 1876-77.—*Continued.*

Canals.	Names of Employés.	Deducted for Superannuation	Amounts Paid.	Total.	Grand Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
Newcastle District Works.....	Contingencies.....				7 20
Inspector .....	Bell, R., for the year.....	28 04	1,371 96		
	Contingencies.....		285 99		1,657 95
	Total.....				28,688 74
ADD—General Contingencies .....				298 32	
Printing .....				770 28	
Stationery .....				102 00	1,270 60
Authorized Disbursements (less Superannuation).....					29,959 34
ADD—Balance due by Collectors 30th June, 1877.....					30 16
					29,989 50
LESS—Balance due by Collectors 1st July, 1876.....					25 00
Actual Disbursements, agreeing with Statement No. 6, page 10.....					29,964 50

A. BRUNEL,  
*Commissioner*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877

APPENDIX B.—Continued.  
No. 3.—SLIDES AND BOOMS SERVICE.—Details of Expenditure for the Fiscal Year ended 30th June, 1877.

Divisions.	Names.	Nature of Service.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.
			\$ cts.	cts.	\$ cts.	\$ cts.
OTTAWA.....	Russell, A. J.....	Collector of Slide Dues, &c.....	52 04	2,547 96		
	McNutt, C. T.....	Assistant do.....	36 00	1,764 00		
	Ritchie, James.....	Bookkeeper.....	28 04	1,371 96		
	Russell, A. J., Junr.....	Draftsman.....	24 00	1,176 00		
	Smith, E. T.....	Clerk.....	18 39	903 11		
	Jackson, John.....	Messenger.....	3 72	296 28		
	Macdonald, James.....	Deputy Slide Master.....	1 68	83 28		
	Steen, James.....	Timber Counter.....		471 81		
	Redmond, J.....	Boatman.....		441 81		
		Total Salaries.....	163 87		9,056 21	
		<i>Contingences.</i>				
	Russell, A. J.....	Rent of Office.....		450 00		
	Darby, John.....	Extra Clerk.....		866 00		
	LeRose, S. O.....	do.....		706 00		
	Slater, James.....	do.....		216 00		
	Forrest, A. G.....	Plans and Field Notes.....		107 00		
	Bell, William.....	do.....		45 00		
	Rainboth, G. C.....	do.....		31 00		
	Allen, James.....	do.....		6 00		
	Post Office.....	Postal accounts.....		122 97		
	Montreal Telegraph Company.....	Telegraphing.....		95 06		
	Kirby, T. H.....	City taxes.....		62 83		
	Water Commissioners.....	Water rates.....		17 75		
	Russell, A. J.....	Petty expenses, &c.....		96 75		
	McNutt, C. T.....	Travelling expenses.....		22 50		
	Merrifield, T.....	Firewood.....		30 94		
	Flynn, Charles.....	do.....		94 00		
	McIntosh, Alex.....	Coal.....		16 00		
	Hope, J. & Co.....	Stationery.....		31 00		

Chamberlin, B. ....	Canada Gazette .....	4 00		
Hunter, Rose & Co .....	Ontario do .....	4 00		
Langlois, C. F. ....	Quebec do .....	5 00		
Citizen Printing Office .....	Ottawa Citizen .....	6 00		
Taylor, I. B. ....	d) Times .....	6 00		
Steen, James .....	Timber Guardian .....	143 00		
Workman, Alex. ....	Paints, oils, &c. ....	9 24		
Huntton & Living .....	Hardware, paint, &c. ....	9 69		
Dalglisb, James .....	Soap, candles, &c. ....	8 52		
Skinner, James .....	Repairing office chair .....	16 98		
Batterworth & Co. ....	Stove, stovepipes, &c. ....	32 07		
Jaques, J. ....	Bill Sticker .....	2 00		
	Total Contingencies .....	3,263 30		12,319 51
	Total Ottawa Office .....			
	<i>Salaries.</i>			
Stewart, McLean .....	Collector of Slide Dues, &c. ....	52 04		
Mackay, John .....	Assistant Collector of Slide Dues, &c. ....	30 00		
Miller, Pierre .....	Clerk .....	19 96		
	Total Salaries .....	102 00		4,998 00
	<i>Contingencies.</i>			
Post Office .....	Postal accounts .....	17 00		
Montreal Telegraph Co. ....	Telegraphing .....	5 36		
Lecompte, T. ....	Detecting timber .....	2 00		
Queen's Printer .....	Official Gazette .....	5 00		
Morris, Sarah .....	Washing .....	12 00		
Foote, J. J. ....	Morning Chronicle .....	6 00		
Langelier, F. ....	Legal advice .....	2 00		
Miller, Pierre .....	Watching timber, &c., cut in trespass .....	20 50		
Mackay, John .....	Telegrams, post box, postage stamps, tolls, calache hire and petty cash. ....	34 32		
	Total Contingencies .....	104 18		5,102 18
	Total Quebec Office .....			
	<i>Salaries.</i>			
Dubord, A. ....	Collector of Slide Dues .....	2 60		197 40
St. MAURICE .....				

APPENDIX A.—Continued.

No. 3.—SLIDES AND BOOMS SERVICE.—Details of Expenditure for the Fiscal Year ending 30th June, 1877.

Divisions.	Names.	Nature of Service.	Amounts Paid.	Total.	Grand Total.
			\$ cts.	\$ cts	\$ cts.
ST. MAURICE.— <i>Con.</i>	Normand, J. B.	Timber Counter	190 00		
	Verreôte, M.	do	144 00		
	Normand, Philippe.	do	141 00		
		Total Contingencies		418 00	
		Total St. Maurice Office.			615 40
		ADD—Printing.	78 64		18,037 09
		Stationery	137 89		216 53
		Authorized Disbursements (less Superannuation)			18,253 62
		Less—Balance due by Collectors 1st July, 1876.			20 95
		Actual Disbursements, agreeing with Statement 7 <sup>1</sup> / <sub>2</sub> , page 13.			18,232 67

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX B.—Continued.

No. 4.—DETAILS of Cullers' Expenditure for the Fiscal Year ended 30th June, 1877.

Division.	Department.	Names of Cullers.	Fees Paid to Cullers.		Total.	Grand Total.
			\$	cts.		
QUEBEC.....	Square Timber, Masts, Deals, Spars, &c.....	Rafferty, John.....	691	41	1,272	37
		Dorval, Philippe.....	580	96		
	Square Timber.....	McInenly, Thomas.....	809	67		
		Noel, Elie.....	803	34		
		Kelly, Edward.....	801	68		
		LaRose, Joseph.....	742	59		
		Miller, George.....	720	19		
		Gilchen, Thomas.....	719	65		
		Jennest, Pierre.....	702	27		
		Duggan, Edward.....	690	46		
		Dorval, George.....	689	69		
		McKendry, Daniel.....	680	68		
		French, W. J.....	669	78		
		Frederick, Antoine.....	668	36		
		Walsh, William.....	666	01		
		Miller, Alfred.....	664	11		
		Lecompte, Salem.....	634	33		
		Bergeron, Joseph.....	620	18		
		Kelly, Michael.....	618	54		
		Clark John.....	591	15		
		Lockquell, Lewis.....	588	10		
		O'Brien, Martin.....	587	47		
		Gauvreau, Olivier.....	581	10		
		Feore, Jas. F.....	578	77		
		Murphy, J. V.....	561	92		
		Duggan William.....	557	14		
		Morrisette, Joseph.....	554	02		
		Lockquell, A. H.....	552	03		
		Lockquell, Ovid.....	550	09		
		Wheelan, James.....	542	15		
		O'Sullivan, John.....	541	70		

APPENDIX B.—No. 4.—Details of Cullers' Expenditure for the Fiscal Year ended 30th June, 1877.—Continued.

Division.	Department.	Names of Cullers.	Fees paid to Cullers.		Total.	Grand Total.
			\$	cts.		
QUEBEC	Square Timber Continued.	Finaghan, M.....	533	26	21,219 38	
		Valin, N.....	500	73		
		McPeak, Wm.....	483	52		
		Lambert, Stephen.....	481	21		
		McCormack, John.....	384	15		
		Jobin, J.....	149	34		
		Verrault, Edouard.....	548	08		
		Demers Louis.....	352	80		
		Malone, Jeffrey.....	3,509	19		
		Malone, Thomas.....	1,660	86		
		Malone, J. O.....	1,070	59		
		Myler, James.....	1,027	45		
		Vachon, J. B.....	988	16		
		McNaughton, John.....	978	06		
		Hamel, Michel.....	869	22		
Morency, Denis.....	868	05				
Lynch, John.....	881	02				
Lafamme, Joseph.....	743	84				
Hamel, A. F.....	689	68				
Demers, F. X.....	621	33				
Cloutier, Louis.....	616	44				
Lockquell, Benjamin.....	544	45				
Thompson, F. X.....	507	01				
Power, Richard.....	431	32				
Couture, Charles.....	48	70				
Cauchy, Charles.....	16,175	47				
Bedard, Jer.....	616	39				
Frederick, Joseph.....	497	53				
Beaupre, Noel.....	464	92				
Ferland, Pierre.....	463	84				
Gibbons, Michael.....	453	49				
Murphy, John.....	438	60				
	Square Timber and Staves					



<p>Villeuve, J.....</p>	<p>429 00</p>	<p>.....</p>	<p>.....</p>
<p>Munro, William.....</p>	<p>402 86</p>	<p>.....</p>	<p>.....</p>
<p>Myrand, Louis.....</p>	<p>378 60</p>	<p>.....</p>	<p>.....</p>
<p>Langlois, Joseph.....</p>	<p>40 26</p>	<p>.....</p>	<p>.....</p>
<p>Advanced to the Supervisor to pay Cullers, but not expended.....</p>	<p>.....</p>	<p>.....</p>	<p>.....</p>
<p>Total Quebec.....</p>	<p>.....</p>	<p>.....</p>	<p>46,132 33</p>
<p>Cusson, F. X.....</p>	<p>377 61</p>	<p>.....</p>	<p>.....</p>
<p>Barsalò, Edouard.....</p>	<p>377 50</p>	<p>.....</p>	<p>.....</p>
<p>Total Montreal and Sorel.....</p>	<p>.....</p>	<p>.....</p>	<p>755 01</p>
<p>Total Fees paid to Cullers.....</p>	<p>.....</p>	<p>.....</p>	<p>46,897 34</p>

MONTREAL, LACHINE AND SOREL .. .. .

Square Timber, Deals, Spars, &c.....

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX B.—Continued.  
No. 5.—DETAILS of Cullers' Expenditure for the Fiscal Year ended 30th June, 1877

Division.	Names.	Nature of Service.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.
			\$ cts.	\$ cts.	\$ cts.	\$ cts.
QUEBEC	Quinn, William.....	Supervisor of Cullers.....	40 04	1,939 96		
	Fraser, Alexander .....	Deputy do .....	31 96	1,568 04		
	Walsh, J. T. ....	Cashier.....	24 00	1,176 00		
	Power, Thos.....	Specification Clerk.....	16 04	783 96		
	O'Brien, M.....	do .....	12 00	588 00		
	DeBlois, G. H.....	do .....	6 32	493 68		
	Tierney, John.....	Messenger.....	4 96	395 04		
	Whelan, W. H.....	Specification Clerk.....	20 00	989 00		
	Duggan, Edward .....	do .....	14 00	686 00		
	Launniere, Wolfred .....	do .....	14 00	686 00		
	Belland, J. E.....	do .....	12 00	588 00		
	Drouin, F. X.....	do .....	9 00	441 00		
	Poliquin, Ferd.....	do .....	7 68	517 32		
	Levasseur, Z.....	do .....	12 00	588 00		
	Foley, James .....	do .....	12 00	588 00		
	Grogan, T. P.....	do .....	6 24	493 76		
	Bellerive, Chas.....	do .....	1 56	123 44		
		Total Salaries .....	243 80	12,656 20		
		<i>Contingencies.</i>				
	Giblin John .....	Rent of Office.....		1,200 00		
	Corporation .....	Assessment taxes .....		370 00		
	Royal Insurance Company.....	Insurance.....		10 30		
	Thibaudan & Frère.....	Fuel .....		186 73		
	Crawford & Son .....	do .....		3 75		
	Sabourin, Robt.....	Sawing, &c., fuel.....		48 75		

Coté & Co., A.....	Advertising in Journal.....	19 94
Foote, J. J.....	do Chronicle.....	19 32
Marcotte S.....	do L'Evenement.....	10 80
Morris, Sarah.....	Charwoman.....	65 00
St. Laurent, Lucy.....	do.....	70 00
Flanigan, Mrs.....	do.....	12 00
McGuire, James.....	Plumber.....	47 00
Corbin, Jos.....	Joiner.....	20 87
Kane, Ann.....	Tinsmith.....	22 90
Quinn, J. A.....	Sundries.....	18 84
Arnold, Thos.....	Carting snow.....	14 00
LaRoche, W. H.....	Ice.....	10 00
Behan Brothers.....	Sundries.....	5 67
Quebec Post Office.....	Post Office Box.....	3 00
Laiberte, D.....	Locksmith.....	1 35
Hunter, John.....	Tinsmith.....	9 35
O'Donaghue, J.....	Repairing clock.....	2 50
Clark and others.....	Survey.....	122 00
Quinn, William.....	Expenses to Montreal.....	12 80
Walsh, J. T.....	Petty expenses.....	151 78
Goven, Edward.....	Assistant Clerk.....	1,000 00
Fraser & Co.....	Extra Service.....	242 17
Bellerive, Chas.....	do.....	133 78
Gallagher & Co.....	do.....	104 98
Pierce & Co.....	do.....	97 57
Walsh & Co.....	do.....	91 99
Labrie & Co.....	do.....	55 72
Roy Joseph.....	do.....	10 63
	Total Contingencies.....	4,205 40
	Total Quebec Expenditure.....	16,861 60
	<i>Salaries.</i>	
Belland, F. X.....	Deputy Supervisor of Cullers.....	16 04
	Total Salaries.....	783 96
	<i>Contingencies.</i>	
Cusson, W. H. P.....	Book-keeper.....	418 00
Crevier, P.....	Rent.....	100 00
Water and Road Rate.....	Taxes.....	21 50
Trudeau, Elmina.....	Cleaning office.....	39 96
<b>MONTREAL, LACHINE AND SOREL</b> .....		

APPENDIX B.—No. 5.—Details of Cullers' Expenditure for the Fiscal Year ended 30th June, 1877.—Continued.

Division.	Names.	Nature of Service.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.	
			\$ cts.	\$ cts.	\$ cts.	cts.	
MONTREAL, LACHINE AND SOREL.—Continued.	Post Office.....	<i>Contingencies.—Continued.</i>	.....	3 86			
	Biar, L.....		Wood.....	16 00			
			Stove and stove pipes.....	11 95			
			Sundries.....	2 65			
			Total Contingencies.....			613 92	
			Total Montreal, Lachine and Sorel.....				1,397 88
			<i>Paid to Retired Cullers.</i>				
		Jordan, John.....			200 00		
		Donaghue, George.....			200 00		
		Vachon, J. B.....			207 00		
		McNeil, Pierre.....			200 00		
		Murphy, Michael.....			150 00		
		Clarke, Thomas.....			150 00		
		Dorval, A. (Estate).....			150 00		
	Philbert, J. B.....			150 00			
	McKutcheon, W.....			75 00			
	Jobin, J.....			50 00			
	Lockquell, A. H.....			50 00			
	Lambert, S.....			50 00			
	O'Sullivan, J.....			50 00			
	Genest, P.....			50 00			
	Morrisette, J.....			50 00			
	Vallin, N.....			50 00			
	McPeak, Wm.....			50 00			
	Leneghan, M.....			50 00			
	Lockquell, Louis.....			50 00			
	Murphy, J. V.....			50 00			
	Miller, J.....			50 00			

McCormack, J.....	50 00			2,425 00
Duggan, W.....	50 00			
Walsh, Wm.....	50 00			
Demers, L.....	50 00			
Verrault, E.....	50 00			
Jordan, J.....	50 00			
Clark, Thomas.....	50 00			
Total Retired Cullers.....				20,681 48
Total.....				
ADD—Printing.....	236 65			
Stationery.....	103 45			
Cullers' Fees, per Statement 4, App. B.....	46,887 34			47,227 44
Authorized Disbursements (less Superannuation) agreeing with Statement 10 $\frac{1}{2}$ , Page 17.....				69,911 92

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX B.—Continued.

No. 6.—DISTRIBUTION of Seizures.

Division.			Amount.	Total.
<i>Ontario.</i>				
			\$ cts.	\$ cts.
Belleville.....	Deputy Collector Stratton, for his proportion of			
do .....	do	Hamilton do		
Goderich .....	Collr. Caven, for his proportion of	Seizures, Nos. 1 and 2		6 55
do .....	do	do		6 55
do .....	Officer Lang	do do	42	16 20
do .....	Officer Detlor	do do	42	1 91
do .....	Officer Walker	do do	29	20 00
do .....	do	do do	33	1 33
do .....	do	do do	37	0 58
do .....	do	do do	39	31 71
do .....	do	do do	41	2 07
do .....	Informer's share of penalty <i>re</i> Seizure, No. 43			55 69
do .....	do	do do	52	100 00
do .....	do	do do	48	100 00
do .....	do	do do	71	70 00
Guelph.....	Officer Dickson, for his proportion of	Seizure	49	1 25
do .....	do	do do	50	6 99
do .....	Officer Dixon	do do	49	8 24
do .....	Officer Nichols	do do	58	1 25
do .....	Officer McCord	do do	58	0 22
do .....	Officer Powell	do do	58	0 23
do .....	Deputy Collr. McLean	do do	58	0 22
do .....	Informer's share of penalty <i>re</i> Seizure, No. 49			0 23
do .....	Collr. Gow, for his proportion of	Seizure, No. 50		100 00
Windsor.....	do	do do	16	6 98
do .....	do	do do	16	18 59
Hamilton.....	Chief Insp. Godson	do do	71	25 27
do .....	Collector Spence	do do	7	71 50
Toronto.....	do	do do	63	267 56
do .....	do	do do	64	0 95
London.....	Officer Hunter	do do	13	340 01
do .....	Officer Moore	do do	13	19 67
do .....	Collector McClary	do do	13	19 67
London.....	do	do do	15	497 50
Ottawa.....	Collector Battle	do do	19	10 85
do .....	do	do do	11	2 50
Paris.....	Officer McWhinney	do do	13	8 85
do .....	do	do do	19	5 00
do .....	do	do do	22	15 50
do .....	do	do do	23	40 80
do .....	Collector of Customs, Van Ingen,	do	19	70 15
Perth.....	Officer McAllister, for his proportion of	Seizure, No. 3		5 00
St. Catharines.....	Officer Brougham	do do	4	10 44
do .....	do	do do	5	6 15
Toronto.....	Collector Morrow	do do	42	16 59
do .....	do	do do	47	100 00
do .....	do	do do	53	165 00
do .....	do	do do	57	83 64
do .....	do	do do	57	9 50
do .....	do	do do	59	22 25
do .....	do	do do	63	267 56
do .....	do	do do	64	0 95
				848 90

## APPENDIX B.—No. 6.—Distribution of Seizures.—Continued.

Division.		Amount.	Total.
<i>Ontario.—Concluded.</i>		\$ cts.	\$ cts.
Toronto.....	Informer's share of penalty, <i>re</i> Seizure, No. 66.....		100 00
do .....	do do do 79.....		100 00
do .....	do do do 70.....		100 00
Windsor.....	District Inspector Romain, for his proportion of Seizure, No. 8.....		83 14
do .....	Deputy Collector Fortier do do 8.....	83 14	
do .....	do do do 12.....	26 75	
do .....	Officer W. J. Gerald do do 12.....		109 89
do .....	Officer Dunlop do do 13.....	33 70	
do .....	do do do 16.....	18 60	
			52 30
	Total, Ontario.....		3,104 94
<i>Quebec.</i>			
Quebec.....	Collector Fortier, for his proportion of Seizure No. 19.....	0 15	
do .....	do do do 29.....	45 86	
			46 01
do .....	Officer McNamara do do 15.....	0 50	
do .....	do do do 16.....	0 50	
do .....	do do do 31.....	18 69	
			19 69
do .....	Officer Courtney do do 29.....		45 86
do .....	Officer Rouleau do do 29.....		29 30
do .....	Officer Cahill do do 29.....		16 56
do .....	Officer Neilan do do 31.....		18 69
Montreal.....	Deputy Inspector Bellemare do 43.....	22 00	
do .....	do do 51.....	19 80	
do .....	do do 68.....	25 00	
			66 80
do .....	Widow E DeFoy, for his proportion of Seizure No. 137.....	3 40	
do .....	do do do 164.....	6 67	
do .....	do do do 172.....	96 00	
			106 07
do .....	Collector Browne do do 164.....	6 67	
Three Rivers.....	do do do 16.....	15 98	
			22 65
Montreal.....	Officer Camyré do do 143.....	40 00	
do .....	do do do 171.....	49 50	
St. Hyacinthe.....	do do do 1.....	44 25	
do .....	do do do 3.....	56 25	
do .....	do do do 4.....	13 38	
Terrebonne.....	do do do 2.....	17 21	
			220 59
Montreal.....	Officer Vincent do do 164.....	6 66	
Three Rivers.....	do do do 16.....	15 99	
do .....	do do do 17.....	8 28	
			30 93
Montreal.....	Officer Desrochers do do 182.....		10 00
do .....	Officer Culhane do do 187.....		7 00
Sherbrooke.....	Collector Griffith do do 3.....		7 35

## APPENDIX B.—No. 6.—Distribution of Seizures.—Continued.

Division.		Amount.	Total.
<i>Quebec.—Concluded.</i>		\$ cts.	\$ cts.
Terrebonne.....	Officer St. Louis for his proportion of Seizure, No. 2	17 21	
Three Rivers .....	do do do 15	32 40	
do .....	do do do 16	15 99	
do .....	do do do 17	8 29	
Total, Quebec.....			73 89
<i>New Brunswick.</i>			
Miramichi.....	Collector Griffin, for his proportion of Seizure No 2		2 33
do .....	Landing Waiter Stewart do 2		2 33
Total, New Brunswick.....			4 66
<i>Nova Scotia.</i>			
Halifax .....	Widow of Collector Tupper, for his proportion of Seizure No. 16;	50 00	
do .....	do do do 23;	3 25	
do .....	do do do 25	4 35	
do .....	Officer Nash, for his proportion of Seizure No. 16		57 60
Total, Nova Scotia.....			50 00
Grand Total.....			107 60
			3,938 59

## RECAPITULATION.

Ontario .....	\$3,104 94
Quebec.....	721 39
New Brunswick.....	4 66
Nova Scotia.....	107 60
Total.....	\$3,938 59

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.



## APPENDIX B—Continued.

## NO. 7.—DETAILS of Departmental Expenditure.

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total Amount Paid.
	SALARIES.	\$ cts.	\$ cts.	\$ cts.
Geoffrion, Hon. F.....	From 1st July, 1876, to 8th Nov., 1876.....		2,488 87	
Laflamme, Hon. R.....	From 9th Nov., 1876, to 7th June, 1877.....		4,063 91	
Cauchon, Hon. J. E.....	From 8th to 30th June, 1877.....		447 22	
Brnel, A.....	From 1st July, 1876, to 30th June, 1877.....	64 00	3,136 00	
Miail, E., jun.....	do do	48 00	2,352 00	
Robins, P. M.....	do do	28 50	1,396 50	
Measam, F.....	do do	27 00	1,323 00	
Himsworth, W., jun.....	do do	25 50	1,249 50	
Heron, W. L.....	do do	25 50	1,249 50	
Campeau, F. R. E.....	do do	25 00	1,225 00	
Nettle, R.....	do do	20 00	980 00	
Graham, A.....	do do	20 00	980 00	
Stewart, N.....	do do	18 50	906 50	
Teakles, B. H.....	do do	18 00	883 00	
Blatch, F. K.....	do do	17 50	857 50	
Cartier, W.....	do do	17 00	833 00	
Valin, J. E.....	do do	16 00	784 00	
Lusignan, A.....	do to 30th Sept., 1876.....		150 00	
Laframboise, L.....	From 1st Oct., 1876, to 30th June, 1877.....		450 00	
Shaw, J. F.....	From 1st July, 1876, to do	9 30	565 70	
Chubbuck, C. E.....	do do	6 40	508 10	
<i>Weights and Measures Branch.</i>				
Johnstone, W. J.....	From 1st July, 1876, to 30th June, 1877.....	32 00	1,568 00	
Brnel, J.....	do do	6 57	518 43	
<i>Messengers.</i>				
Fowler, J.....	From 1st July, 1876, to 30th June, 1877.....	6 25	493 75	
Fowler, G.....	do do	6 13	493 87	
Archambault, R.....	do do	5 62	444 38	
Total Salaries .....		442 77		30,334 73
Lusignan, A.....	Services as Extra Clerk.....		723 00	
Devlin, R.....	do do Canal Branch.....		730 00	
Brnel, Geo.....	do do		546 00	
Laframboise, L.....	do do		411 66	
Hall, C. R.....	do do		328 00	
Fitzgerald, L.....	Extra work .....		37 50	
MacCarthy, J. P.....	Shorthand writing.....		50 00	
Toronto Observer.....	Subscription.....		7 00	
Quebec Mercury.....	do .....		6 00	
Toronto Tribune.....	do .....		4 00	
St. Andrew's Journal.....	do .....		4 15	
Canadian Monthly.....	do .....		3 50	
St. John Daily Telegraph.....	do .....		12 00	
Courrier d'Outaouais.....	do .....		6 00	
Echo de Hull.....	do .....		6 00	
Nouveau-Monde.....	do .....		6 00	

## APPENDIX B.—No. 7.—DETAILS of Departmental Expenditure—Continued.

To whom Paid.	Service.	Amount Paid.	Total Amount Paid.
		\$ cts.	\$ cts.
Dundas Herald .....	Subscription .....	2 63	
Toronto Grip .....	do .....	4 00	
Montreal National .....	do .....	28 50	
Argenteuil Advertiser..	do .....	0 43	
Toronto National .....	do .....	5 33	
Digby Courier .....	do .....	2 00	
Religious Intelligencer..	do .....	2 00	
Irish Canadian .....	do .....	2 73	
Collingwood Bulletin ...	do .....	1 30	
London (Eng.) Mail .....	do .....	31 63	
Toronto Nation .....	do .....	2 25	
Lucknow Sentinel .....	do .....	2 00	
Monetary Times .....	do .....	5 50	
Quebec Budget .....	do .....	6 80	
Summerside Progress .....	do .....	1 88	
L'Événement .....	do .....	12 00	
Toronto Evening Tele- gram .....	do .....	6 50	
London Advertiser .....	do .....	6 40	
Quebec Chronicle .....	do .....	6 00	
Waterloo Advertiser .....	do .....	3 00	
St. Catharines Daily News .....	do .....	4 50	
Ottawa Free Press .....	do .....	18 00	
Toronto Globe .....	do .....	12 00	
Temperance Journal .....	do .....	0 50	
St. John (N.B.) Globe .....	do .....	5 42	
St. Hyacinthe Union .....	do .....	1 50	
Montreal Gazette .....	do .....	12 00	
Acadian Recorder .....	do .....	5 00	
St. John Daily News .....	do .....	5 00	
Journal de Québec .....	do .....	7 00	
Manitoba Free Press .....	do .....	2 50	
Trenton Courier .....	do .....	1 50	
Montreal Witness .....	do .....	3 00	
Perth Courier .....	do .....	1 50	
Toronto Mail .....	do .....	6 00	
Montreal Minerve .....	do .....	12 00	
St. Andrew's Standard .....	do .....	2 50	
Mainland Guardian .....	do .....	5 00	
Naturaliste Canadien ...	do .....	2 00	
Guelph Mercury .....	do .....	4 00	
Halifax Chronicle .....	do .....	6 00	
Kingston Whig .....	do .....	6 00	
Brockville Recorder .....	do .....	4 03	
Appleton & Co .....	American Cyclopædia (16th vol.) .....	7 00	
Woodburn, A. S. .....	Ottawa Directory .....	10 00	
Taschereau, Hon. H. E. .....	Law books .....	15 00	
Might & Taylor .....	Toronto Directory .....	2 50	
McAlpine, D. .....	Directories .....	6 00	
Maclean, Roger & Co .....	Hansard .....	12 00	
Irwin & Co .....	Hamilton Directory .....	2 50	
Davis, J. G. .....	Books .....	4 20	
Durie & Son .....	Books and periodicals .....	106 35	
Montreal Telegraph Co.	Telegraphing .....	497 15	
Dominion Telegraph Co	do .....	211 98	
Punchard, Ohas. ....	Loan and valuation tables .....	10 00	
Queen's Printer .....	Printing, &c. ....	1,160 86	
Govt. Stationery Office..	Stationery to Inside Service .....	449 18	
Hope & Co. ....	Stationery .....	17 06	

## APPENDIX B.—No. 7.—Details of Departmental Expenditure.—Continued.

To whom paid.	Service.	Amount Paid.	Total Amount Paid
		\$ cts.	\$ cts.
Straker & Sons.....	Fac-simile process paper, ink, &c. ....	12 65	
Montreal National .....	Printing.....	7 00	
Mortimer, Alex.....	Paste pot and brushes .....	2 00	
Hart & Rawlinson.....	Papyrograph and paper.....	78 00	
Hamilton, Wm.....	One Mackinnon pen.....	3 75	
Woodward, Grant & Co.....	Stamping paper.....	3 20	
Geoffrion, Hon. F.....	Travelling expenses.....	50 00	
Laflamme, Hon. R.....	do .....	100 00	
Cauchon, Hon. J. E.....	do .....	75 00	
do .....	For Private Secretary.....	38 34	
Laframboise, Ls.....	Travelling expenses.....	25 00	
Shoolbred & Co.....	Oil cloth.....	30 95	
Esmonde, J. R.....	Sundries.....	6 90	
Bennett, Maurice.....	Drinking water.....	27 90	
DeGuise, A.....	Ice.....	6 00	
Bouchard, Joseph.....	Translation and proof-reading .....	22 00	
Dorion, C. P.....	Galvanized iron box.....	10 60	
Buckley, P.....	Cab hire.....	51 75	
McOrmond, R.....	Cleaning Departmental rooms .....	12 00	
Canadian Express Co.....	Expressage.....	105 83	
Sundry parties.....	Cartage.....	18 92	
A. Christie & Co.....	Chemicals.....	2 73	
Sundry parties.....	Materials for testing.....	0 90	
do .....	Cab hire.....	23 35	
Lépine, B.....	do .....	3 00	
Ouellette, G.....	do .....	5 50	
Customs.....	Duties on imported goods.....	3 15	
Holbrook, G. M.....	Official bag.....	2 50	
Leslie, John.....	Clock repairing .....	1 50	
Hay, George.....	Hardware .....	3 67	
Shoolbred & Co.....	Mats.....	3 50	
St. L. & O. Railway Co.....	Freight .....	14 47	
Keegin, Mrs.....	Washing towels.....	40 00	
Borbridge, S. & H.....	Trunk.....	3 50	
Bate & Co.....	Corks, candles, &c.....	0 62	
Parker, A. J.....	Tumblers.....	0 75	
Ashfield, James.....	do .....	1 00	
Graves Bros.....	Tinware.....	1 00	
Caldwell & Co.....	Sundries.....	0 30	
Mann, George.....	Mail.....	0 60	
Brennan, H. H.....	Soap, candles, matches, &c.....	4 45	
Telegraph Boys and Ex- pressmen.....	Christmas box.....	5 50	
McOrmond, R.....	Clearing snow.....	1 00	
Cox, Mary.....	Making towels.....	1 35	
Metcalfe, Joseph.....	Linen for towels.....	6 33	
Sundry persons.....	Sundries.....	2 46	
Post Office Department.	Postages.....	183 98	
	Total authorized Contingencies.....		6,657 26
	Add—Due by L. Laframboise.....		16 66
	Total Contingencies.....		6,673 92
	Grand Total, per Statement 17, Page 34.....		37,008 65

A. BRUNEL,

Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX B.—Continued.

No. 8.—DETAILS of Sundry Minor Expenditures.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total Amount Paid.
		\$ cts.	\$ cts.	\$ cts.
<i>Bill Stamps.</i>				
British American Bank Note Co.....	Printing Bill Stamps.....			1,750 00
<i>Minor Public Works.</i>				
Quain, J.....	Salary as Collector of Union Suspension			
	Bridge Tolls.....	16 04	783 98	
Ottawa Free Press.....	Advertising for Ottawa and Hull Ferry...		7 80	
Martin, George.....	Postage, &c., Newcastle District Works...		1 50	793 26
<i>Inspection of Staples.</i>				
Halifax Reporter.....	Advertising.....		30 00	
Bellemare, R.....	Freight and cartage on flour-samples sent to various Divisions.....		85 65	
Locke, Jacob.....	Advertising appointment of Fish Inspectors, &c...		8 87	
Patterson, W. J.....	Expenses in connection with selecting, purchasing and distributing flour samples.....		427 00	
			551 52	
	Less—sale of old flour samples.....		68 47	
	Total Inspection of Staples.....			483 05
<i>Adulteration of Food.</i>				
Edwards, J. B.....	Fees for analysis.....		987 00	
do.....	Allowance under the Act for Retaining Fee to 30th June, 1877.....		200 00	
do.....	Allowance under the Act for rent to 30th June, 1877		100 00	
LaRue, F. A. H.....	Allowance under the Act for apparatus and material used in the Laboratory.....		300 00	
do.....	Allowance under the Act for Retaining Fee to 30th June, 1877.....		200 00	
do.....	Allowance under the Act for rent to 30th June, 1877		100 00	
do.....	Fees for analysis.....		615 00	
Ellis, W. H.....	do.....		864 00	
do.....	Allowance under the Act for rent to 30th June, 1877		100 00	
do.....	Allowance under the Act for Retaining Fee to 30th June, 1877.....		200 00	
Fraser, R. G.....	Allowance under the Act for Retaining Fee to 30th June, 1877.....		200 00	
do.....	Allowance under the Act for rent to 30th June, 1877		100 00	
do.....	Fees for analysis.....		642 00	
Bishop, G. & Co.....	24 seals and Dominion Arms.....		144 00	
Browne, D.....	Purchase of samples for analysis.....		27 64	
Morrow, John.....	Burettes and cases.....		55 00	
Fortier, J. E.....	Samples for analysis.....		13 25	
Wilson, Wm.....	Translation of Dr. LaRue's Report.....		6 80	
Taylor, Chas.....	Samples for analysis.....		8 52	
	Total Adulteration of Food.....			4,863 21
				7,899 52
	ADD—Queen's Printer.....			249 15
	Actual Disbursements, agreeing with Statement 11½, page 19.....			8,138 67

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX B.—Continued.

No. 9.—DETAILS of Weights and Measures Expenditure.

To whom Paid.	Service.	Deducted for Superannuation	Amount Paid.	Total.
		\$ ts.	\$ cts.	\$ cts.
	<i>Algoma</i>			
Carney, Wm. ....	Salary as Deputy Inspector for the year...	6 32	493 68	597 66
	Contingencies .....		103 98	
	<i>Brant.</i>			
Allan, John.....	Salary as Deputy Inspector for the year...	6 32	493 68	666 70
	Contingencies.....		173 02	
	<i>Brockville.</i>			
Carruthers, Samuel.....	Salary as Deputy Inspector for the year...	12 00	588 00	754 01
	Contingencies.....		166 01	
	<i>Bruce.</i>			
Stevens, C. B.....	Salary as Deputy Inspector for the year...	6 32	493 68	850 93
	Contingencies.....		357 25	
	<i>Dundas.</i>			
Loucks, Elisha F.....	Salary as Deputy Inspector for the year...	6 32	493 68	502 49
	Contingencies.....		8 81	
	<i>Durham.</i>			
Randall, P. R.....	Salary as Deputy Inspector for the year...	6 32	493 68	788 07
	Contingencies.....		294 39	
	<i>Elgin.</i>			
Campbell, John.....	Salary as Deputy Inspector for the year...	6 32	493 63	818 28
	Contingencies.....		324 60	
	<i>Essex.</i>			
Rankin, George .....	Salary as Deputy Inspector for the year...	6 32	493 68	777 57
	Contingencies.....		283 89	
	<i>Glengarry.</i>			
McRae, Finlay.....	Salary as Deputy Inspector for the year...	6 32	493 68	705 86
	Contingencies.....		212 18	
	<i>Grey.</i>			
Campbell, Duncan. ....	Salary as Deputy Inspector for the year...	6 32	493 68	944 34
	Contingencies.....		450 66	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.  
*Continued.*

To whom Paid.	Service.	Deducted for Superannuation	Amount Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
	<i>Halton.</i>			
Smith, Thomas.....	Salary as Deputy Inspector for the year...	6 32	493 68	915 49
	Contingencies.....		421 81	
	<i>Hamilton.</i>			
Murphy, Michael.....	Salary as Deputy Inspector for the year...	14 08	685 92	2,489 86
Sheppard Henry.....	do do do	14 08	685 93	
Rymal, Jacob.....	do do do	6 32	493 68	
	Salaries.....	34 48	1,865 53	
	Contingencies.....		624 33	
	<i>Hastings.</i>			
Macdonell, John P. ....	Salary as Deputy Inspector for the year...	12 00	588 00	712 55
	Contingencies.....		124 55	
	<i>Huron.</i>			
Morrow, Charles.....	Salary as Deputy Inspector for the year...	12 00	588 00	654 00
	Contingencies.....		66 00	
	<i>Kent.</i>			
Watts, John.....	Salary as Deputy Inspector for the year...	6 32	493 68	726 59
	Contingencies.....		232 91	
	<i>Kingston.</i>			
Baxter, W. L.....	Salary as Deputy Inspector for the year...	14 08	685 92	865 12
	Contingencies.....		179 20	
	<i>Lambton.</i>			
McLean, Wm. ....	Salary as Deputy Inspector for the year...	6 32	493 68	729 93
	Contingencies.....		236 25	
	<i>Lanark.</i>			
Manning, J. W.....	Salary as Deputy Inspector for the year...	6 32	493 68	528 53
	Contingencies.....		34 85	
	<i>Lennox.</i>			
Sills, Geo. B.....	Salary as Deputy Inspector for the year...	6 32	493 68	684 77
	Contingencies.....		191 09	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
*Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
	<i>London.</i>	\$ cts.	\$ cts.	\$ cts.
Spettigue, J. J. ....	Salary as Deputy Inspector for the year...	20 08	979 92	1,363 00
	Contingencies .....		383 08	
	<i>Middlesex.</i>			
Campbell, Jas .....	Salary as Deputy Inspector for the year...	6 32	493 68	886 50
	Contingencies .....		392 82	
	<i>Muskoka.</i>			
Sharpe, James .....	Salary as Deputy Inspector for the year...	6 32	493 68	656 36
	Contingencies .....		162 68	
	<i>Niagara.</i>			
Winchester, L. D. ....	Salary as Deputy Inspector for the year...	12 00	588 00	751 82
	Contingencies .....		163 82	
	<i>Norfolk.</i>			
Slaght, Thomas R. ....	Salary as Deputy Inspector for the year...	6 32	493 68	750 88
	Contingencies .....		257 20	
	<i>Northumberland.</i>			
Willoughby, J. H. ....	Salary as Deputy Inspector for the year...	6 32	493 68	712 24
	Contingencies .....		218 56	
	<i>Ontario.</i>			
Foreman, T. C. ....	Salary as Deputy Inspector for the year...	12 00	588 00	1,168 57
	Contingencies .....		580 57	
	<i>Ottawa.</i>			
Lapierre, E. ....	Salary as Deputy Inspector for the year...	20 08	979 92	1,402 13
	Contingencies .....		422 21	
	<i>Oxford.</i>			
Hotson, George. ....	Salary as Deputy Inspector for the year...	12 00	588 00	878 24
	Contingencies .....		290 24	
	<i>Peterborough.</i>			
Hall, F. W. ....	Salary as Deputy Inspector for the year...	6 32	493 68	756 69
	Contingencies .....		263 01	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
*Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
<i>Prince Edward.</i>				
Boyle, Robert .....	Salary as Deputy Inspector for the year...	6 32	493 68	741 73
	Contingencies .....		248 05	
<i>Renfrew.</i>				
Stewart, James .....	Salary as Deputy Inspector for the year...	6 32	493 68	740 93
	Contingencies .....		247 25	
<i>Simcoe.</i>				
Laird, W. H .....	Salary as Deputy Inspector for the year...	12 00	588 00	888 06
	Contingencies .....		300 06	
<i>Stratford.</i>				
Pierson, J. W .....	Salary as Deputy Inspector for the year...	6 32	493 68	644 32
	Contingencies .....		150 64	
<i>Toronto.</i>				
Wingfield, J. M .....	Salary as Deputy Inspector for the year...	18 00	882 00	1,601 42
Berkinshaw, Thos.....	do do do .....	14 08	685 92	
	Salaries .....	32 08	1,567 92	
	Contingencies .....		33 50	
<i>Victoria.</i>				
Silverwood, W. A .....	Salary as Deputy Inspector for the year...	6 32	493 68	949 45
	Contingencies .....		455 77	
<i>Waterloo.</i>				
McDougall, John .....	Salary as Deputy Inspector for the year...	12 00	588 00	836 76
	Contingencies .....		248 76	
<i>Welland.</i>				
Davis, A. A .....	Salary as Deputy Inspector for the year...	6 32	493 68	759 91
	Contingencies .....		266 23	
<i>Wellington.</i>				
Swinford, H. H .....	Salary as Deputy Inspector for the year...	12 00	588 00	854 55
	Contingencies .....		266 55	



APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
*Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
	<i>York.</i>	\$ cts.	\$ cts.	\$ cts.
McCutcheon, Hugh .....	Salary as Deputy Inspector for the year... Contingencies .....	12 00	588 00 427 00	1,015 00
	<i>Beauce.</i>			
Mercier, Jean B.....	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 74 50	568 18
	<i>Beauharnois.</i>			
Dewitt, Charles B.....	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 293 90	787 58
	<i>Bellechasse.</i>			
Lamontagne, François..	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 69 40	563 08
	<i>Berthier.</i>			
Coutu, Alfred.....	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 104 18	597 86
	<i>Cham'ly.</i>			
Lamoureux, E.....	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 271 05	764 73
	<i>Champlain.</i>			
Cinq-Mars, Honoré A...	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 99 84	593 52
	<i>Drummond.</i>			
Pacaud, Philippe N.....	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 115 55	609 23
	<i>Gaspé.</i>			
Michaud, Gilbert.....	Salary as Deputy Inspector for the year... Contingencies .....	6 32	493 68 105 40	599 08
	<i>Hull.</i>			
Quesnel, A.....	Salary as Deputy Inspector to 30th April, 1877.....	4 97	393 57	
Lynch, Patrick.....	Salary as Deputy Inspector for the year...	6 32	493 68	
	Salaries .....	11 29	887 25	
	Contingencies .....		335 13	
				1,222 38

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.  
Continued.

To whom paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
	<i>Iberville.</i>			
Lanier, J. M.....	Salary as Deputy Inspector for the year...	6 32	493 68	662 63
	Contingencies .....		168 95	
	<i>Joliette.</i>			
Desrochers, J. L. B.....	Salary as Deputy Inspector for the year...	6 32	493 68	570 88
	Contingencies .....		77 20	
	<i>Kamouraska.</i>			
Chamberland, J. O.....	Salary as Deputy Inspector for the year...	6 32	493 68	523 53
	Contingencies .....		29 84	
	<i>Labrador.</i>			
Grenier, Napoléon.....	Salary as Deputy Inspector for the year...	6 32	493 68	493 68
	<i>Laval.</i>			
Lalonde, Hector.....	Salary as Deputy Inspector for the year...	6 32	493 68	586 23
	Contingencies .....		92 55	
	<i>Lévis.</i>			
Lévesque, Arthur.....	Salary as Deputy Inspector for the year...	6 32	493 68	612 76
	Contingencies .....		119 08	
	<i>Lotbinière.</i>			
De St. Georges, H. Q.	Salary as Deputy Inspector for the year...	6 32	493 68	615 22
	Contingencies .....		121 54	
	<i>Montreal.</i>			
Roy, L. N. F.....	Salary as Deputy Inspector from 13th Jan. 1876, to 30th June, 1877.....	23 47	1,150 66	4,661 68
Fauteux, O.....	Salary as Deputy Inspector, from 27th Oct. 1875, to 30th June, 1877.....	23 54	1,152 49	
Quinn, S. J.....	Salary as Deputy Inspector, from 23rd Oct. 1875 to 30th June, 1877.....	23 67	1,159 88	4,661 68
Lyons, D.....	do do .....	23 68	1,159 90	
	Salaries.....	94 36	4,622 93	4,661 68
	Contingencies.....		38 75	
	<i>Missisquoi.</i>			
Haskell, B. A.....	Salary as Deputy Inspector for the year...	6 32	493 68	687 10
	Contingencies.....		193 42	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
Continued.

To whom Paid.	Service.	Deducted for Superannuation.		Amount Paid.	Total.
		\$	cts.	\$	cts.
	<i>Montmagny.</i>				
Nadeau, Noël .....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies .....			25	00
					518 68
	<i>Montmorency.</i>				
Larue, Téléphore .....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies.....			61	43
					555 11
	<i>Quebec.</i>				
Dubord, Edmond .....	Salary as Deputy Inspector from 25th Oct., 1875, to 30th June, 1877.....	23	57	1,156	25
Grégoire, J.....	do do do .....	19	58	959	21
	Salaries .....	43	15	2,115	46
	Contingencies .....			186	45
					2,301 91
	<i>Richelieu.</i>				
Blais, M. C.....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies.....			150	65
					644 33
	<i>Rimouski.</i>				
Ouellet, Didier.....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies.....			26	00
					519 68
	<i>Sagueny.</i>				
Simard, Henry.....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies.....			312	94
					806 62
	<i>Sherbrooke.</i>				
Pennoyer, H. J.....	Salary as Deputy Inspector for the year...	12	00	588	00
	Contingencies.....			255	72
					843 72
	<i>St. Hyacinthe.</i>				
Desrivières, F. L.....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies.....			99	99
					593 67
	<i>Terrebonne.</i>				
Lamb, Thomas.....	Salary as Deputy Inspector for the year...	6	32	493	68
	Contingencies .....			113	55
					607 23
	<i>Three Rivers.</i>				
Louis, A. Lord.....	Salary as Deputy Inspector from 1st July to 31st October .....	2	08	164	56
	Contingencies.....			192	61
					357 17

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
*Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
	<i>Fredericton.</i>			
Freeze, E. C.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 154 75	648 43
	<i>Kings.</i>			
Slipp, W. O.....	Salary as Deputy Inspector for the year ... Contingencies.....	6 32	493 68 48 10	541 78
	<i>Moncton.</i>			
Carter, John T.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 1 40	495 08
	<i>Northumberland.</i>			
Outler, Robert C.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 28 22	521 90
	<i>Restigouche.</i>			
Blanchard, Théotime ....	Salary as Deputy Inspector for the year...	6 32	493 68	493 68
	<i>St. John, N.B.</i>			
Macfarlane, James.....	Salary as Deputy Inspector for the year... Contingencies .....	20 08	979 92 904 57	1,884 49
	<i>Woodstock.</i>			
Dibblee, Wm.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 156 63	650 31
	<i>Annapolis.</i>			
Tupper, E. E.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 121 68	615 36
	<i>Cape Breton.</i>			
Tremaine, Louis.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 258 11	751 79
	<i>Colchester.</i>			
McKay, Alexander.....	Salary as Deputy Inspector for the year... Contingencies.....	6 32	493 68 129 65	623 33

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
<i>Guyborough.</i>				
Maguire, J. O.....	Salary as Deputy Inspector for the year...	\$ 6 32	\$ 493 68	816 71
	Contingencies .....		323 03	
<i>Halifax.</i>				
Pryor, James .....	Salary as Deputy Inspector for the year...	20 08	979 92	1,309 62
	Contingencies .....		329 70	
<i>Hants.</i>				
Kerr, Samuel G.....	Salary as Deputy Inspector for the year...	6 32	493 68	493 68
<i>Inverness.</i>				
Grant, Peter.....	Salary as Deputy Inspector for the year...	6 32	493 68	857 03
	Contingencies .....		363 35	
<i>Lunenburg.</i>				
Henry, Israel.....	Salary as Deputy Inspector for the year...	6 32	493 68	809 16
	Contingencies .....		315 48	
<i>Pictou.</i>				
McConnell, R.....	Salary as Deputy Inspector for the year...	3 12	246 84	516 97
	Contingencies.....		270 13	
<i>Yarmouth.</i>				
Lacain, John M.....	Salary as Deputy Inspector for the year...	6 32	493 68	695 59
	Contingencies.....		201 91	
<i>Manitoba.</i>				
Hayward, Lyster.....	Salary as Deputy Inspector for the year...	14 68	719 75	957 45
	Contingencies.....		237 70	
District Inspectors.....	Province of Ontario.....		301 58	381 93
	do Quebec.....		381 93	
<i>General Contingencies.</i>				
Brunel, A.....	Salary as Commissioner of Standards .....	16 00	784 00	1,067 71
Canadian Express-Co...	Freight.....		180 00	
Fowler, John.....	Extra services.....		56 00	100 00
Pryor, James .....	Freight on weights to Halifax.....		455 00	
Brunel, A.....	Travelling expenses.....		5 00	100 00
Cameron & Mudie.....	Fifty cases for shipping standards.....		100 00	
Halifax Chronicle.....	Advertising.....		5 00	100 00
Esmonde Bros.....	100 japanned boxes with locks.....		100 00	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.  
Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
<i>General Contingencies.—Continued.</i>		\$ cts.	\$ cts.	\$ cts.
Boyden, Joseph.....	Rent of store and water rates .....		144 00	
Burland, Desbarats & Co.	Printing cheques.....		9 98	
Ottawa River Navigation Company.....	Freight.....		3 00	
Rose, Samuel.....	Advertising.....		4 20	
Taylor & Heddle.....	Cartage.....		16 20	
Johnstone, W. J.....	Travelling expenses.....		8 25	
Evans, H.....	Cartage.....		12 30	
Frchette, A.....	Translating circular.....		8 13	
Griffin, W. H.....	Postal cards.....		250 00	
Montreal Star.....	Advertising.....		10 20	
Hay, George.....	Hardware.....		0 70	
Mann, G.....	do.....		2 60	
St. Lawrence and Ottawa Railway Co.....	Freight.....		3 46	
Sundry persons.....	Cartage.....		4 20	
McOrmond, R.....	Labour.....		47 62	
Goff, W.....	do.....		26 25	
Merifield, C.....	do.....		1 25	
Charwomen.....	do.....		3 00	
Sundry persons.....	Sundries.....		12 57	
Total, General Contingencies.....				3,315 62
<i>Equipment.</i>				
Collector of Customs.....	Duties on apparatus.....		662 56	
Morrison, James.....	Fittings for gas offices, &c.....		691 70	
Wright, A. P.....	For services during the year.....		1,225 00	
Canadian Express Co.....	Freight on box from England.....		12 10	
Blyth & Kerr.....	Fittings for offices and work done.....		560 46	
Ritchie, James & Co.....	do do.....		302 44	
Piper, H.....	Broom and duster.....		1 75	
McPhail, Robert.....	3 glass shades.....		1 80	
Potter, Charles.....	Plumbobs, level and repairs.....		3 75	
Lewis, Rice & Son.....	Sundries for Gas office, Toronto.....		12 37	
Wright, A. P.....	do do do.....		14 06	
do.....	Travelling expenses.....		488 23	
Fleck, A.....	2,584 fifty pound iron weights.....		3,669 27	
Montreal Witness.....	Advertising.....		12 00	
St. L. & O. Railway Co.....	Freight.....		74 41	
Browne, D.....	To pay duty on 3 cases apparatus.....		215 60	
Wright, A. P.....	Sundries for gas offices.....		23 36	
Allan, John.....	Freight on iron weights.....		11 80	
Boyle, Robert.....	do.....		14 65	
Dewitt, G. B.....	do.....		10 65	
Bellemare, R.....	Freight on standards and furniture for Weights and Measures Division of Montreal.....		80 62	
do.....	do do Chambly.....		36 00	
do.....	do do Richelieu.....		28 00	
do.....	do do Berthier.....		28 00	
Spettigue, J. J.....	do do London.....		39 00	
Allan, John.....	do do Brant.....		89 74	
Bellemare, R.....	do do Laval.....		46 50	
Grant, Peter.....	do do Inverness.....		89 00	
Boyle, Robert.....	do do Prince Edward.....		28 25	
Laird, W. H.....	do do Simcoe.....		59 40	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
Continued.

To whom Paid.	Service.	Amount Paid.	Total.
<i>Equipment.—Continued.</i>		\$ cts.	\$ cts.
McDougall, J.....	Freight on standards and furniture for Weights and Measures Division of Waterloo.....	85 40	
Gow, James.....	do do Essex.....	28 05	
Rankin, George.....	do do do.....	30 00	
Dewitt, C. B.....	do do Beauharnois.....	66 84	
Lamoureux, J. A.....	do do Chambly.....	29 41	
Lynch, Patrick.....	do do Hull.....	55 00	
Quesnel, A.....	do do do.....	22 20	
Tupper, E. E.....	do do Annapolis.....	85 66	
Maquaire, A. J. O.....	do do Guysborough.....	39 50	
Lacain, J. M.....	do do Yarmouth.....	77 30	
Borradaile, R.....	do do Brockville.....	37 00	
Campbell, John.....	do do Elgin.....	73 24	
Lamontagne, F.....	do do Bellechasse.....	40 84	
Hall, F. W.....	do do Peterborough.....	29 13	
Lapierre, E. A.....	do do Ottawa.....	11 52	
McCutcheon, H.....	do do York.....	51 51	
Stewart, James.....	do do Renfrew.....	54 50	
Swinford, H. H.....	do do Wellington.....	60 52	
Smith, Thomas.....	do do Halton.....	60 00	
Sheppard, H.....	do do Hamilton.....	139 89	
Sills, G. B.....	do do Lennox.....	39 90	
Spettigue, J. J.....	do do London.....	6 15	
Boyle, R.....	do do Prince Edward.....	36 09	
Baxter, W. L.....	do do Kingston.....	54 40	
Winchester, L. D.....	do do Niagara.....	123 35	
Willoughby, J. H.....	do do Northumberland.....	23 80	
Carney, W. H.....	do do Algoma.....	79 75	
McCrae, F.....	do do Glengarry.....	58 45	
Lemoine, J. M.....	do do Quebec.....	93 85	
Simard, H.....	do do Saguenay.....	43 15	
Pennoyer, H. J.....	do do Sherbrooke.....	50 40	
Lévésque, A.....	do do Lévis.....	78 15	
Bellemare, R.....	do do Montreal.....	10 00	
Macfarlane, James.....	do do St. John.....	3 95	
Freeze, E. C.....	do do Fredericton.....	80 66	
Pryor, James.....	do do Halifax.....	40 75	
Hendry, Israel.....	do do Lunenburg.....	37 80	
Tremaine, L.....	do do Cape Breton.....	69 40	
McConnell, R.....	do do Pictou.....	56 80	
Hayward, L.....	do do Manitoba.....	106 26	
Good, H. B.....	do do British Columbia.....	92 02	
Campbell, James.....	do do Middlesex.....	28 09	
Lalonde, H.....	do do Laval.....	27 83	
Blais, M. C.....	do do Richelieu.....	31 80	
Slaght, T. R.....	do do Norfolk.....	46 93	
De St. Georges, H. Q.....	do do Lotbinière.....	54 00	
Haskell, B. A.....	do do Missisquoi.....	35 15	
Cinq-Mars, H. A.....	do do Champlain.....	66 51	
Foreman, T. C.....	do do Ontario.....	17 09	
Contu, A.....	do do Berthier.....	37 64	
Rymal, J.....	do do Hamilton.....	33 59	
Nadeau, N.....	do do Montmagny.....	40 00	
Morrow, Chas.....	do do Huron.....	21 18	
Larue, T.....	do do Montmorency.....	128 12	
Dibblee, W.....	do do Woodstock.....	38 20	
Mercier, J. B.....	do do Beauce.....	52 50	
Lamb, Thos.....	do do Terrebonne.....	17 00	

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure—  
*Continued.*

To whom Paid.	Service.	Amount Paid.	Total.
		\$ cts.	\$ cts.
<i>Equipment.—Continued.</i>			
Randall, P. R.....	Freight on standards and furniture and Weights and Measures Division of Durham.....	27 60	
Watts, John.....	do do Kent.....	85 48	
Silverwood, W. A.....	do do Victoria.....	17 00	
Davis, A. A.....	do do Welland.....	45 92	
Pierson, J. W.....	do do Stratford.....	45 26	
Carruthers, S.....	do do Brockville.....	19 32	
Sharpe, James.....	do do Muskoka.....	14 67	
Holton, Geo.....	do do Oxford.....	19 35	
Macdonnell, J. P.....	do do Hastings.....	27 90	
McLean, W.....	do do Lambton.....	98 39	
Dubord, E.....	do do Quebec.....	24 15	
Campbell, Duncan.....	do do Grey.....	42 57	
McKay, A.....	do do Colchester.....	74 40	
Bellemare, R.....	do do Ibrville.....	29 50	
Bellemare, R.....	do do Sherbrooke.....	9 00	
Pacaud, P. N.....	do do Drummond.....	44 00	
Desrochers, J. L. B.....	do do Joliette.....	59 50	
Gregoire, J.....	do do Quebec.....	34 00	
Lanier, J. M.....	do do Ibrville.....	73 25	
Fraser, H.....	do do Pictou.....	3 33	
Slipp, W. O.....	do do Kings.....	49 00	
Hébert, C. D.....	do do Three Rivers.....	19 00	
Desrivieres, F.....	do do St. Hyacinthe.....	19 90	
Bellemare, R.....	do do Montreal.....	85 50	
Loucks, E. F.....	do do Dundas.....	28 00	
Quellette, D.....	do do Rimouski.....	28 75	
Chagnon, W.....	do do Three Rivers.....	10 37	
Manning, J. W.....	do do Lanark.....	62 50	
Chamberland, J. O.....	do do Kamouraska.....	33 35	
Gouin, W. F.....	do do Manitoba.....	99 30	
Stevens, C. B.....	do do Bruce.....	50 30	
Carter, J. T.....	do do Moncton.....	32 50	
Rouleau, J.....	do do Gaspé.....	25 00	
McPhie, D.....	Furniture, &c., for Gas Office, Hamilton.....	29 75	
Griffin, J. J. & Sons.....	Tubes, ammonia, &c.....	28 04	
Oertling, L.....	Portable kits.....	3,685 53	
Aubin, N.....	Travelling expenses.....	54 95	
Wright, A. & Co.....	Sundries for testing gas.....	296 15	
Portugais, V.....	Fitting up Gas and Weights and Measures Office in Quebec.....	100 40	
McOrmond, R.....	Labor.....	30 50	
Purdee, S. A.....	Carpet for Gas Office, Fredericton.....	37 39	
Mulholland, A.....	Fitting up Gas Office, Quebec.....	349 24	
Heny & Co.....	Covers for standards.....	30 00	
Wright, A. P.....	Sundries for Gas Office, Ottawa.....	19 32	
Lafrance, C. J. L.....	do do Quebec.....	42 60	
Fleck, A.....	Sundry work for standards.....	119 01	
Kolph, Smith & Co.....	50 steel punches and dies.....	78 00	
Hay, R., & Co.....	Furniture for Weights and Measures and Gas Offices.....	2,374 40	
Ritchie, J., & Son.....	Plumbers' work, &c., Toronto offices.....	107 45	
O'Connor, M.....	Painting, &c., do.....	20 58	
Deslauriers, O.....	Stoves, pipes and fittings for Quebec Gas Office.....	43 73	
Howe, W.....	Painting Weights and Measures and Gas Offices, Ottawa.....	7 00	
Kean, Thos.....	Carpenter's work, Ottawa offices.....	83 50	
Shoolbred & Co.....	Furniture do.....	62 58	
Burland, G. B.....	Lithographing and printing.....	87 50	



APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure.—  
Continued.

To whom paid.	Service.	Amount Paid.	Total.
<i>Equipment.—Continued.</i>		\$ cts.	\$ cts.
Torrance, D., & Co .....	Freight on standards .....	3 26	
Potter, Charles.....	Apparatus for gas offices .....	16 00	
Kennyon, C. S.....	Ten stamping dies and steel tools.....	30 00	
Boyden, Joseph.....	Rent of store.....	95 50	
Caldwell & Co.....	Difference on exchange of water-motor.....	27 40	
Negretti & Zambra.....	Six barometers.....	79 75	
Mills, T. K.....	Sawing slate slabs.....	2 50	
McDougall & Co.....	One pair even balance scales .....	6 00	
Chisholm, H. W.....	Sundry expenses.....	486 67	
Scarlett, Johnstone & Co	Office desks.....	15 00	
Rowan, A.....	Furniture, &c., for Gas Office, St. John.....	86 23	
do .....	do do Chatham .....	26 35	
do .....	do do Fredericton.....	14 10	
do .....	do do Newcastle.....	29 23	
Spettigue, J. J.....	do do London.....	33 75	
Total Equipment.....			21,454 07
Add—Printing.....		3,911 94	
Stationery.....		303 28	
			4,215 22
Authorized Disbursements (less Superannuation).....			100,889 55
Add—Due to sundry persons, 1st July, 1876 .....		9 33	
Due by do 30th June, 1877.....		319 77	
Advance on account to A. P. Wright .....		100 00	
			1,353 10
			102,242 65
Less—Due by sundry persons, 1st July, 1876.....			2,696 67
Actual Disbursements, agreeing with Statement No. 21, page 42 .....			99,545 98

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

## APPENDIX B.—Continued.

## No. 10.—DETAILS of Gas Inspection Expenditure.

To whom paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
<i>Brantford.</i>				
		\$ cts.	\$ cts.	\$ cts.
Hart, D. W.....	Freight on furniture .....		18 32	
Ritchie, J. & Son .....	Fitting up office.....		158 60	
Tainsh, John.....	Painting office.....		33 00	
Burns, M. A.....	Carpenters' work.....		35 46	
				245 38
<i>Hamilton.</i>				
McPhie, Donald.....	For services .....		500 00	
do .....	Sundries.....		17 25	
Sheppard, H. ....	Rent of office to 30th June, 1877.....		37 50	
Dodson, W.....	Painting office.....		13 75	
Baker, Josiah.....	Carpenters' work .....		57 22	
Ritchie, J. & Son.....	Fitting up office.....		210 27	
				835 99
<i>Port Hope.</i>				
Sands, Archibald.....	For services .....			350 00
<i>Toronto.</i>				
Sutherland, G.....	For services .....		750 00	
Ritchie, J. & Son.....	Fitting up office.....		29 68	
Sutherland, G.....	Contingencies to 30th June, 1877 .....		12 54	
				792 22
<i>Ottawa.</i>				
	Contingencies .....			147 79
<i>Montreal.</i>				
Aubin, N.....	Salary as Inspector for the year.....	28 04	1,371 96	
	Contingencies .....		405 56	
				1,777 52
<i>Quebec.</i>				
Lafrance, C. J. L.....	Salary as Inspector from 9th June, 1876, to 30th June, 1877.....	21 30	1,039 81	
	Contingencies.....		320 09	
				1,359 90
<i>St. Hyacinthe.</i>				
Bellemare, R.....	Office rent to 30th April, 1877.....			21 67
<i>St. John, N.B.</i>				
Rowan, A.....	For services .....		1,800 00	
	Contingencies .....		354 62	
				2,154 62

## APPENDIX B—No. 10.—DETAILS of Gas Inspection Expenditure.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amount Paid.	Total.
	<i>Halifax.</i>	\$ cts.	\$ cts.	\$ cts.
Miller, A.....	For services.....		1,400 00	
	Contingencies.....		163 50	1,563 50.
	<i>Pictou.</i>			
Hepburn, James .....	Salary as Inspector from 1st January, 1876, to 30th June, 1877.....	5 60	444 40	
	Contingencies.....		113 04	557 44
	<i>General Expenses.</i>			
Aubin, N.....	Salary as Consulting Inspector for the Dominion for the year.....	12 00	588 00	
do .....	24 seals and rubber hose .....		218 95	
do .....	Sundries .....		21 60	
Montreal Herald.....	Advertising.....		5 40	
Booth & Son, Toronto...	Altering cubical apparatus.....		4 95	
Ottawa Free Press.....	Advertising.....		3 00	
British American Bank Note Company.....	Printing gas-stamps .....		24 75	
Bien Public .....	Advertising.....		4 50	871 15
Total .....				10,677 18
ADD—Queen's Printer .....				288 34
Authorised Disbursements (less Superannuation).....				10,965 52
Less—Due by sundry persons, 1st July, 1876 .....				355 93
Actual Disbursements, agreeing with Statement 22, Page 44.....				10,609 59

A. BRUNEL,  
Commissioner.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX B.—Continued.

No. 11.—Weights and Measures—Special Account.

	Dr.	Cr.
	\$ cts.	\$ cts.
By Amount to debit of Commissioner of Standards at 1st July, 1876.. .....		2,616 62
To Amount paid to H. W. Chisholm. for sundries.....	28 55	
do deposited to credit of the Receiver General.....	200 00	
do to debit of Commissioner of Standards to be accounted for....	2,388 07	
	2,616 62	2,616 62

A. BRUNEL,  
*Commissioner.*

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1877.

APPENDIX C.

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HYDRAULIC AND OTHER RENTS.

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DR.

HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1876.		Accrued, year ended 30th June, 1877.		Total.	Name of Work.	Present Occupant.	Original Lessee.
\$	cts.	\$	cts.				
6,601 02		397 33		6,998 35	Chaudière Falls..	Perley, Pattie & Brown.....	Perley, Pattie & Brown
1,040 00		80 00		1,120 00	do ...	do do .....	do do ...
4,260 00		376 00		4,636 00	do ...	J. R. Booth .....	Lyman Perkins.....
4,426 37		147 46		4,573 83	do ...	McKay & Co.....	Philip Thompson.....
1,440 00		40 00		1,480 00	do ...	Oliver & Son ...	J. & J. Petrie.....
1,480 00		40 00		1,520 00	do ...	P. H. & L. R. Church.....	Sexton Washburne.....
4,320 00		120 00		4,440 00	Victoria Island..	Levi Young .....	N. S. Blaisdell & Co ...
1,440 00		40 00		1,480 00	do ...	J. M. Currier .....	do
8,400 00		240 00		8,640 00	do ...	Harris, Bronson & Co.....	N. S. Blaisdell and Coleman.....
12 00		8 00		20 00	Ottawa River.....	Mary Conroy. ....	L. M. Coutlée. ....
60 00		40 00		100 00	do ...	D. Carmichael .....	.....
280 00		20 00		300 00	do ...	John Rankin .....	.....
		180 00		180 00	Chaudière Slides	J. R. O'Connor.....	.....
10 00		10 00		20 00	do ...	Bronson & Weston.....	.....
		200 00		200 00	Victoria Island..	Levi Young .....	.....
		100 00		100 00	do ...	Bronson, Weston and Levi Young.....	.....
		50 00		50 00	Ottawa River.....	Hon. Jas. Skead.....	.....
150 00				150 00	do ...	John Rochester .....	.....
		20 00		20 00	do ...	George Sterling .....	.....
		1 00		2 00	Chaudière Falls.	A. H. Baldwin .....	Perley, Pattie & Brown
		1 00		2 00	Ottawa River.....	Hector Pruneau .....	.....
		24 00		24 00	do ...	Hon. Jas. Skead .....	.....
33,920 39		2,133 79		36,054 18			
3 00		3 00		6 00	Rideau Canal & River.....	Benjamin Tett.....	.....
		3 00		3 00	do ...	Thomas May .....	.....
2 00		2 00		4 00	do ...	Henry James .....	.....
8 25		8 25		16 50	do ...	Philip Kennedy.....	.....
180 00		360 00		540 00	do ...	Edward Smith .....	.....
11 25		11 25		22 50	do ...	Thomas Paget.....	.....
25 00		50 00		75 00	do ...	Hon. J. Hamilton ..	.....
9 75		9 75		19 50	do ...	George Morris.....	.....
52 50		105 00		157 50	do ...	Hewson & Hughes. ....	James C. Foster .....
2 25		2 25		4 50	do ...	D. Cameron.....	.....
80 50		161 00		241 50	do ...	Wm. Anglin.....	.....
		3 75		3 75	do ...	George Richey.....	.....
1,007 00		60 00		1,067 00	do ...	James Shaw, jun.....	.....
6 00		3 75		9 75	do ...	Daniel Delaney.....	.....
243 00		18 00		261 00	do ...	Hiram Easton.....	.....

## DIX C.

## Lessees' Accounts, 1876-77.

CR.

Description of Property.	Date to which the Account is made up.	Abatements for year ended 30th June, 1876.	Paid during Fiscal Year.	Balance due, 30th June, 1877.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
A.--North Chaudière Street—Service Ground	June 30, 1877			6,998 35	6,998 35
B.C.—do do	do 30, 1877			1,120 00	1,120 00
D.—Saw Mill do	do 30, 1877			4,636 00	4,636 00
E.F.G.—Service Mill	do 30, 1877			4,573 83	4,573 83
H.I.J.—Grist Mill, South Head Street	Oct. 1, 1877			1,480 00	1,480 00
K.—Fanning Mill do	Nov. 1, 1877			1,520 00	1,520 00
L.—Service Ground do	do 1, 1877			4,440 00	4,440 00
Q.R.T.—Service Ground, North Middle Street	Oct. 1, 1877			1,480 00	1,480 00
S.—Foundry, North Middle Street	do 1, 1877				
U.V.X.Y.Z.—Service Ground	do 1, 1877			8,640 00	8,640 00
Small Island, Du Chêne Rapids	Jan. 1, 1877			20 00	20 00
Water Lot, Calumet Island	June 30, 1877			100 00	100 00
East portion of Hawley's Island	do 30, 1877			300 00	300 00
Workshops, &c., three acres	Sept. 1, 1877		180 00		180 00
Bridge over Slides	June 30, 1877		10 00	10 00	20 00
Two strips of land, Victoria Island	Dec. 31, 1877		200 00		200 00
One strip of land, Amelia Island	Jan. 1, 1878		100 00		100 00
Water Lots, opposite Lot No. 30, Concession A. Nepean	Dec. 1, 1877		50 00		50 00
Two strips of Lot No. 39, Con. A, Nepean	Sept. 1, 1877			150 00	150 00
Strip of Ordnance Property, foot of Major's Hill	June 30, 1877		20 00		20 00
M.N.O.P.—Service Ground, $\frac{1}{2}$ acre 100 x 50ft. Ordnance Property, South Side Cathcart Street, Ottawa	May 1, 1878		1 00	1 00	2 00
Three small Islands opposite Lot No. 33, Con- cession A, Nepean	do 1, 1878		24 00		24 00
			585 00	35,469 18	36,054 18
Land, Isthmus, Lock Station	April 1, 1877		6 00		6 00
Reserve in front of South $\frac{1}{2}$ Lot 23, Rideau Front, Gloucester	Dec. 31, 1877		3 00		3 00
Lease of front of sub-lot No. 5, Concession B, Rideau Front	do 31, 1877		4 00		4 00
Reserve in front of South $\frac{1}{2}$ Lot 6, in 2nd Con- cession, Township of Nepean	do 31, 1877		8 25	8 25	16 50
Water Power, Kingston Mills	June 30, 1877			540 00	540 00
Reserve in front of North $\frac{1}{2}$ Lot 4, in 2nd Con- cession, Nepean	Dec. 31, 1877		11 25	11 25	22 50
Mill Lot No. 9, Long Island	June 30, 1877		50 00	25 00	75 00
Reserve in front of South $\frac{1}{2}$ Lot 5, 2nd Conces- sion, Nepean	Dec. 31, 1877		9 75	9 75	19 50
Water Power, Brewer's Lower Mills	June 30, 1877		105 00	52 50	157 50
Reserve in front of North $\frac{1}{2}$ Lot 23, Township of Gloucester	Dec. 31, 1877		4 50		4 50
Water Power, Brewer's Upper Mills	June 30, 1877		161 00	80 50	241 50
Reserve in front of Lot No. 1, in 2nd Conces- sion, Nepean	Dec. 1, 1877		3 75		3 75
Water Lot, Edwards' Mill Lock	June 30, 1877			1,067 00	1,067 00
Reserve in front of South $\frac{1}{2}$ Lot No. 8, 2nd Concession, Nepean	Dec. 1, 1877			9 75	9 75
Ground to pile wood, Merrickville	June 30, 1877			261 00	261 00

APPENDIX

DR.

HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1876.	Accrued, year ended 30th June, 1877.	Total.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.			
	8 25	8 25	Rideau Canal & River.....	Wm. Powell.....	
210 00	60 00	270 00	do	Cornelius Vanluven.....	
10 00	10 00	20 00	do	Stafford Merryfield.....	
25 00		25 00	do	St. Lawrence & Ottawa R'y	
	7 50	7 50	do	John Blair.....	
320 00	80 00	400 00	do	J. McLaren & Co.....	Heirs of J. McKay.....
	5 00	5 00	do	Alfred Chester.....	
2,940 00	120 00	3,060 00	do	A. Russell Ward.....	Joshua Bates.....
10 00	10 00	20 00	do	Jessie Miner.....	
240 00	20 00	260 00	do		E. H. Whitemarsh.....
	14 00	14 00	do	Rufus Andrews.....	
	33 75	33 75	do	Joseph Brouse.....	
12 00	12 00	24 00	do	Hiram Easton.....	
0 60	0 20	0 80	do	A. Russell Ward.....	
460 00	460 00	920 00	do	Union Bank of Lower Canada.....	
	50 00	50 00	do	Moss Kent Dickinson.....	
	1 00	1 00	do	John Graham.....	
3 00	1 00	4 00	do	John Heney.....	
	13 50	13 50	do	Mrs. Hannah Paterson.....	
	8 25	8 25	do	Michael Kilroe.....	
	45 00	45 00	do	William Dawson.....	
	18 00	18 00	do	Robt. E. Hardy.....	
	1 50	1 50	do	R. W. Baxter.....	
	1 50	1 50	do	Henry Jackson.....	
	33 00	33 00	do	Thos. O'Neill.....	
	2 00	2 00	do	George May.....	
	22 50	22 50	do	Charles McCaffrey.....	
5,861 10	1,838 95	7,700 05			
123 00	246 00	369 00	Williamsburg Canal.....	William Gibson.....	Benj. Chaffey.....
70 00	140 00	210 00	do	Bailey & Mills.....	William Elliott.....
70 00	140 00	210 00	do	J. Cameron.....	J. Molson, jun.....
2,583 00	160 00	2,720 00	do	W. T. Benson.....	Benson & Aspden.....
1,400 00	140 00	1,540 00	do	George Stephen.....	Philip Carmen.....
88 00	44 00	132 00	do	Patrick Walsh.....	John Walsh.....
18 00	12 00	30 00	do	Lawrence Byrne.....	Wm. S. Aiken.....



C.—Continued.

Lessees' Accounts, 1876-77.—Continued.

CR.

Description of Property.	Date to which the Account is made up.	Abatements for year ended 30th June, 1877.		Paid during Fiscal Year.		Balance due 30th June, 1877.		Total.	
		\$	cts.	\$	cts.	\$	cts.	\$	cts.
Reserve in front of Lot No. 5, 2nd Concession, Nicholl's Island.....	Dec. 31, 1877			8	25				8 25
Water Lot at Johnston's Lock, Davis' Station	June 30, 1877					270	00		270 00
Lot No. 4, Concession 1, Township of Oxford..	do 30, 1877	10	00	10	00				20 00
Right of way and Lots 8 and 9, Dow's Swamp	Dec. 31, 1877			25	00				25 00
Reserve in front of North $\frac{1}{2}$ Lot No. 6, 2nd Concession, Nicholl's Island.....	do 1, 1877			7	50				7 50
Piling Ground, Green Island.....	do 31, 1877			240	00	160	00		400 00
Part of Lot No. 3, Concession B, Township of Wolford.....	June 30, 1877					5	00		5 00
Water Lot A B, Old Sly Station.....	May 1, 1877					3,060	00		3,060 00
Part of Lot No. 2, Concession B, Township of Wolford.....	June 30, 1877			10	00	10	00		20 00
Ornamental Grounds, Merrickville.....	May 1, 1877					260	00		260 00
Lot No. 2, Concession A, Nicholson's Island...	Dec. 31, 1877					14	00		14 00
Privilege to cut poles at Dow's Swamp.....	do 31, 1877			33	75				33 75
Ground to pile wood, Merrickville.....	do 31, 1877					24	00		24 00
Part of Lot No. 1, 4th Concession, Smith's Falls	June 30, 1877					0	80		0 80
Lots 11, 12, 13 & 14, at Sappers Bridge, Ottawa	Dec. 22, 1876	920	00						920 00
Permission to bridge over Lot at Sappers Bridge, Ottawa.....	do 22, 1876			50	00				50 00
Reserve in front of $\frac{1}{2}$ Lot G, Concession G, Nepean, Rideau front.....	Dec. 31, 1877			1	00				1 00
Reserve at Deep Cut, Ottawa.....	Sept. 1, 1877			4	00				4 00
Reserve in front of her own property, South $\frac{1}{2}$ Lot G, Concession C, Nepean.....	Dec. 31, 1877			13	50				13 50
Reserve in front of North $\frac{1}{2}$ Lot No. 8, 1st and 2nd Concessions, Township of Nepean.....	do 31, 1877					8	25		8 25
Reserve in front of Lot No. 3, 2nd Concession, Nepean.....	do 31, 1877			22	50	22	50		45 00
Reserve at Black Rapids, part of Lots 22 and 23 in Concession A, Nepean.....	do 31, 1877			12	00	6	00		18 00
Reserve in front of Lot G, Concession C, Nepean.....	do 31, 1877			1	50				1 50
Reserve in front of Lot B, Stewart Property, Nepean.....	do 31, 1877			1	50				1 50
Part of Lot I, Concession B, Nepean.....	do 31, 1877			24	00	9	00		33 00
Wharf privilege, front of sub-Lots 29 and 30, Lot K, Concession B, Nepean.....	do 31, 1877			2	00				2 00
Reserve in front of South $\frac{1}{2}$ Lot 4, 2nd Concession, Nepean.....	do 31, 1877			11	25	11	25		22 50
		930	00	844	25	5,925	80	7,700	05
Grist Mill, Mill street, Williamsburg.....	June 30, 1877			123	00	246	00		369 00
do Matilda Lock, Rapide Plat.....	do 30, 1877			70	00	140	00		210 00
do do do.....	do 30, 1877			70	00	140	00		210 00
Starch Factory, part of Lot No. 5, Edwardsburg.....	do 30, 1877					2,720	00		2,720 00
Water for Tannery, Edwardsburg.....	do 30, 1877					1,540	00		1,540 00
Water Lot, Rapide Plat.....	April 1, 1877			44	00	88	00		132 00
Wharf Lot, Gallops Canal.....	June 30, 1877					30	00		30 00

APPENDIX

HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1876.	Accrued, year ended 30th June, 1877.	Total.	Name of Work.	Present Occupant.	Original Lessees.
\$ cts.	\$ cts.	\$ cts.			
24 00		24 00	Williamsburg Canal.—	K. McPherson.....	McLaughlin & McPherson
24 00	12 00	36 00	do	W. T. Benson.....	
20 00	20 00	40 00	do	N. M. Davy.....	Wm. Bailey
24 00	24 00	48 00	do	Jacob H. Ross.....	Wm. S. Aiken
6 00	1 00	7 00	do	Trustees School Section No. 4.....	
4,427 00	939 00	5,366 00			
940 00	240 00	1,180 00	Cornwall Canal.	Andrew Hodge.....	H. Elliott.....
180 00	120 00	300 00	do	Angus Bethune.....	John Harvey
750 00	300 00	1,050 00	do	J. & C. H. Wood.....	B. G. French
67 50	135 00	202 50	do	George Stephen.....	P. Vankoughnet..
60 00	120 00	180 00	do	P. E. Adams.....	H. Caldwell.....
	20 00	20 00	do	Henry Harrison.....	
20 00	20 00	40 00	do	Louis Derousie.....	
			do	Mrs. Tait.....	Peter Tait.....
2,017 50	955 00	2,972 50			
40 00	20 00	60 00	Beaubarnois Canal	Owen Lynch.....	
100 00		100 00	do	D. Papineau.....	D. E. Pease
260 00		260 00	do	Wm. Rodden.....	
20 00	20 00	40 00	do	J. Demers.....	Isidore Lurocque
60 00	20 00	80 00	do	St. Amour & Co.....	
	20 00	20 00	do	J. Demers & Co.....	
90 00		90 00	do	Owen Lynch.....	
358 50	717 00	1,075 50	do	Alex. Buntin.....	
60 00	120 00	180 00	do	do.....	Stephen May.....
60 00	120 00	180 00	do	Alex. Anderson.....	Pierre Poitras.....
60 00	120 00	180 00	do	Anderson & Wattie.....	
60 00	120 00	180 00	do	J. Meloch.....	
			do	Montreal Cotton Co.....	
80 00	40 00	120 00	do	Valleyfield Peat Coal Co.....	
35 00	35 00	70 00	do	Lake St. Francis Navigation Co.....	
1,283 50	1,352 00	2,635 50			
215 00	430 00	645 00	Lachine Canal...	Pillow, Hersey & Co.....	Estate of J. D. Biglow and wife.....
215 00	430 00	645 00	do	Lyman, Clare & Co.....	W. Lyman & Co.....
215 00	430 00	645 00	do	Pillow, Hersey & Co.....	Holland & Dunn.....
430 00	860 00	1,290 00	do	Montreal Warehousing Co.....	Grant, Hall & Co.....

C.—Continued

Lessees' Accounts, 1876-77.—Continued.

Description of Property.	Date to which the Account is made up.	Abate-ments, year ended 30th June, 1877.	Paid during Fiscal	Balance due 30th	Total.
			Year.	June, 1877.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
Wharf Lot, Gallops Canal.....	April 1, 1877		24 00		24 00
Pasture Ground do .....	March 1, 1877			36 00	36 00
Wharf Lot, Basin Lock No. 5 .....	Aug. 1, 1877		20 00	20 00	40 00
do Point Iroquois.....	Dec. 1, 1877			48 00	48 00
School House, Matilda.....	May 1, 1877			7 00	7 00
			351 00	5,015 00	5,366 00
Flour and Grist Mill, Hydc. Lots 3 and 4, Cornwall.....	June 30, 1877		500 00	680 00	1,180 00
Flour and Grist Mill, Lot 6, South Side.....	do 30, 1877		240 00	60 00	300 00
Flour and Saw Mill, Hydc. Lot 1, N. Lock 20..	do 30, 1877			1,050 00	1,050 00
Woolen Factory, Hydc. Lot 7, below Cornwall	do 30, 1877		135 00	67 50	202 50
Saw Mill, do 6, do .....	do 30, 1877		180 00		180 00
Wharf Lot, Moulinette .....	May 1, 1877			20 00	20 00
do Milleroches.....	do 1, 1877		20 00	20 00	40 00
Wharf Lot, on her own property; annual rent, \$20.....	June 30, 1877				
			1,075 00	1,897 50	2,972 50
House and Sheds, St. Timothy.....	May 1, 1877			60 00	60 00
Wharf Lot, St. Timothy.....	Jan. 1, 1864			100 00	100 00
do do .....	do 1, 1864			260 00	260 00
do Big Basin, H. C.....	May 1, 1877			40 00	40 00
do do .....	do 1, 1877			80 00	80 00
do inside do .....	do 1, 1877			20 00	20 00
do do .....	Nov. 9, 1869			90 00	90 00
Paper Mill, Hydc. Lots 1, 2 and 3, and Building Lot.....	June 30, 1877		717 00	378 50	1,075 50
Grist Mill, Hydc. Lot 5.....	do 30, 1877		120 00	60 00	180 00
Saw Mill, Hydc. Lot 1, and Building Lot, Valleyfield.....	do 30, 1877		60 00	120 00	180 00
Woolen Factory, Hydc. Lot 2, and Building Lot, Valleyfield.....	do 30, 1877		60 00	120 00	180 00
Flour Mill, Hydc. Lot at Lock No. 7, Beauharnois.....	do 30, 1877		60 00	120 00	180 00
Lots 3, 4, 5, 6 and 7 at the head of the Canal.....					
Wharf Lot, upper entrance .....	May 1, 1878			120 00	120 00
Wharf and Shed, above Guard Lock.....	do 1, 1878			70 00	70 00
			1,017 00	1,618 50	2,635 50
Spike and Nail Factory, Lot 15 .....	June 30, 1877	215 00	430 00		645 00
Oil and Cement Factory, Lot 17.....	do 30, 1877	215 00	430 00		645 00
Rolling Mill, Lot 16.....	do 30, 1877	215 00	430 00		645 00
Flour Mill, Lots 18 and 19 .....	do 30, 1877	430 00	860 00		1,290 00

DR.

HYDRAULIC and other Rents, &c.,

Balance due on 1st July, 1876.		Accrued, year ended 30th June, 1877.		Total.	Name of Work.	Present Occupant.	Original Lessees.
\$	cts.	\$	cts.	\$	cts.		
		645 00		645 00	Lachine Canal—		
		975 00		975 00	<i>Continued.</i>	James McDougall.....	
					do	Peck, Benny & Co.....	James Harvey.....
840 00		1,680 00		2,520 00	do	Ira Gould & Son.....	Young & Gould.....
	40 00		40 00	40 00	do	St. Lawrence Navigation Co.....	American Line Strs.....
		75 00		75 00	do	Canadian Navigation Co.....	
240 00		40 00		280 00	do	Patrick Evers.....	
10 00		10 00		20 00	do	Moseley & Lewis.....	Moseley & Rickers.....
160 00		40 00		200 00	do	E. O. Lesperance.....	Estate of J. Levey.....
30,225 00		2,418 00		32,643 00	do	W. P. Bartley, Peck & McDougall.....	W. Bartley.....
		30 00		30 00	do	Henry Shackell & Co.....	
		60 00		60 00	do	Montreal and Ottawa Forwarding Co.....	M. K. Dickinson.....
200 00				200 00	do	J. W. McGauvran.....	J. M. Currier & Co.....
1,512 00		1,296 00		2,808 00	do	Estate Ira Gould.....	Ira Gould.....
2,330 50		1,601 00		3,931 50	do	do J. Frothingham.....	W. Parkyn.....
		1 00		1 00	do	Dominion Telegraph Co.....	
6,000 00		1,000 00		7,000 00	do	B. Grant & J. Leith.....	Geo. & Wm. Tait.....
196 00		392 00		588 00	do	Frothingham & Workman.....	
132 00		264 00		396 00	do	H. McLennan.....	Frothingham & Workman.....
		645 00		645 00	do	Peck, Bennet & Co.....	Estate J. Harvey.....
50 00		100 00		150 00	do	Montreal Transportation Co.....	Augustus Label.....
		700 00		700 00	do	do Warehousing Co.....	Thos. Cramp, President.....
30 00		10 00		40 00	do	do Passenger Railway Co.....	
700 00				700 00	do		John Ostell.....
288 00				288 00	do		Francis Doré.....
2,896 67				2,896 67	do		Wm. Tait.....
		30 00		30 00	do	Lake St. Francis Navigation Company.....	
46,885 17		14,202 00		61,087 17			
150 00		50 00		200 00	Chambly Canal..	M. S. Willet.....	Willet & McPherson.....
36 00				36 00	do	Jos. A. Maurice.....	
5 00		1 00		6 00	do	J. A. Maurice.....	
		100 00		100 00	do	J. C. Pierce & Son.....	
100 00		100 00		200 00	do	St. John's Stone Chinaware Co.....	
		100 00		100 00	do	Ottawa & Rideau Forwarding Co.....	
291 00		351 00		642 00			
120 00				120 00	Trent Riv. Wks..		E. W. Henderson.....
60 00		40 00		100 00	do	James Cummings.....	
9 50		1 00		10 50	do	M. B. Roblin.....	
189 50		41 00		230 50			

C.—Continued.

Lessees' Accounts, 1876-77.—Continued.

CR.

Description of Property.	Date to which the Account is made up.	Abate-ments, year ended 30th June, 1877.		Paid during Fiscal Year.		Balance due 30th June, 1877.		Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.		
Flour Mill, Lot No. 11.....	June 30, 1877	215 00		430 00				645 00
Nail Factory and Rolling Mill, Lots No. 10 and E ½ of 9.....	April 1, 1877	215 00		650 00		110 00		975 00
Water Power, St. Gabriel Lock.....	June 30, 1877	840 00		1,680 00				2,520 00
Ground for Freight Shed, Basin No. 1.....	May 1, 1878			40 00				40 00
Freight Shed, Basin No. 1.....	do 1, 1878			75 00				75 00
Farm, Côte St. Paul.....	June 30, 1877					280 00		280 00
Three-inch Pipe, Grand Trunk Crossing.....	Oct. 1, 1877		5 00	10 00		5 00		20 00
Ground near Tait's Dock.....	Feb. 15, 1878					200 00		200 00
Furnishing Shop, Mills on Concession Lots ½ of 2; also 3, 4, 5, 6 and 7, Basin No. 2.....	June 30, 1877					32,643 00		32,643 00
Freight Shed, Basin No. 1.....	May 1, 1878			30 00				30 00
do do .....	do 1, 1878			60 00				60 00
Lot near St. Gabriel's Locks.....	June 30, 1877					200 00		200 00
Flour Mill, Lots 12, 13 and 14, Basin.....	April 1, 1877	648 00		1,296 00		864 00		2,808 00
Water Power at Côte St. Paul's Locks.....	June 30, 1877	800 50		1,601 00		1,530 00		3,931 50
Permission to erect an Office on the Canal Bank	do 30, 1877			1 00				1 00
Dry Dock and Ship Yard Basin.....	do 30, 1877			1,000 00		6,000 00		7,000 00
Warehouse and Coal Yard, Lot No. 1, Basin No. 2.....	do 30, 1877			392 00		196 00		588 00
Grain Elevator and Dryer, ½ of Lot No. 2.....	do 30, 1877			264 00		132 00		396 00
do do Lot No. 8.....	May 1, 1877	215 00		430 00				645 00
Marine Slip Island No. 5.....	June 30, 1877					150 00		150 00
A piece of Land on Basin No. 4 .....	Aug. 1, 1877			700 00				700 00
Track across Canal at Côte St. Paul.....	June 30, 1877			40 00				40 00
Lumber Basin, Island.....	do 30, 1858					700 00		700 00
Wharf and Land, Lachine.....	June 30, 1861					288 00		288 00
Oak Lock, lower entrance.....	Feb. 1861					2,896 67		2,896 67
Freight Shed on Basin No. 1.....	May 1, 1878..			30 00				30 00
			4,013 50	10,879 00		46,194 67		61,087 17
Wharf Lot and Store at Lock No. 4, Chambly..	June 30, 1877					200 00		200 00
Lot near upper entrance to Lock No. 7.....	do 30, 1877					36 00		36 00
A piece of land on west side of canal.....	May 1, 1878					6 00		6 00
Wharf at St. John's.....	June 30, 1877					100 00		100 00
Ground 100 x 75 feet at south end of wharf entrance to canal at St. Johns.....	do 30, 1877	100 00				100 00		200 00
Wharf Lot at St. Johns.....	do 30, 1877			100 00				100 00
			100 00	100 00		442 00		642 00
Pumping Engine, Scugog Works.....	— 1861					120 00		120 00
Lot at Lock, Chisholm's Rapids.....	June 30, 1877			80 00		20 00		100 00
Surplus water near village Frankfort.....	Dec. 31, 1877					10 50		10 50
				80 00		150 50		230 50

APPENDIX

DR.

HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1876.		Accrued, year ended 30th June, 1877.		Total.	Name of Work.	Present Occupant.	Original Lessees.
\$	cts.	\$	cts.	\$			
93	65	187	30	280	95	Welland Canal... R. & J. Laurie .....	Robert Laurie .....
240	00	240	00	480	00	do ... S. Neelin .....	R. & J. Laurie .....
20	00	20	00	40	00	do ... do .....	do .....
440	00	80	00	520	00	do ... G. A. Clark .....	do .....
110	00	20	00	130	00	do ... do .....	do .....
88	00	176	00	264	00	do ... Alexander Muir .....	do .....
500	00	100	00	600	00	do ... Andrews & Son .....	Donaldson, Andrews & Ross .....
605	00	121	00	726	00	do ... Donaldson, Andrews and Ross .....	Reubin Morrison .....
110	00	20	00	130	00	do ... Geo. A. Clarke .....	Jas. Mavor .....
2,725	00	260	00	2,985	00	do ... Tuttle, Date & Rodden .....	John L. Ranney .....
75	00	150	00	225	00	do ... S. Neelan .....	Calvin Phelps .....
20	00	40	00	60	00	do ... Norris & Neelan .....	do .....
1,045	20	87	10	1,132	30	do ... W. H. Merritt, jun. ....	do .....
10	00	10	00	20	00	do ... Michael Kerrins .....	do .....
251	49	167	66	419	15	do ... Gillespie and Simpson .....	R. Collier .....
280	00	140	00	420	00	do ... Jas. Wilcox .....	Thos. Towers .....
640	00	160	00	800	00	do ... Wait & Dolan .....	John Brown .....
1,810	00	181	00	1,991	00	do ... W. B. Hendershot .....	do .....
216	00	216	00	432	00	do ... Gillespie & McLean .....	Wm. Beatty .....
63	60	63	60	127	20	do ... McPherson & Weir .....	do .....
75	00	50	00	125	00	do ... J. McDonagh .....	W. H. Ward .....
511	00	146	00	657	00	do ... do .....	do .....
240	00	240	00	480	00	do ... Gordon & McKay .....	do .....
80	00	40	00	120	00	do ... John Brown .....	do .....
160	00	80	00	240	00	do ... do .....	do .....
999	00	222	00	1,221	00	do ... Peleg Howland .....	Jacob Keefer .....
780	00	130	00	910	00	do ... Brown & Band .....	Brown & Ross .....
2,560	00	160	00	2,720	00	do ... Woodward Estate .....	Alex. Christie .....
1,429	80	79	20	1,509	00	do ... J. & J. Abbey .....	McFarland & Abbey .....
1,000	00	.....	.....	1,000	00	do ... do .....	McFarland & Lemon .....
580	50	86	00	666	50	do ... F. McMahon .....	McFarland & Donaldson .....
3,518	77	270	67	3,789	44	do ... Norris & Neelan .....	Wright & Duncan .....
720	00	66	00	786	00	do ... Dan Williams .....	Wm. Pennock .....
40	00	20	00	60	00	do ... Phillip S. Musson .....	do .....
377	68	68	67	446	35	do ... S. Beatty .....	Robert Band & Co .....
208	00	52	00	260	00	do ... Jacob Crowe .....	Killens & Dockstaker .....
381	00	72	00	456	00	do ... Phelps Bros .....	Donlop & Seeley .....
140	00	20	00	160	00	do ... Moses Betts .....	E. Seeley .....
256	00	64	00	320	00	do ... D. Cooper .....	E. Seeley & Cook .....
.....	.....	25	00	25	00	do ... L. G. Carter .....	A. K. Scholfield .....
20	00	20	00	40	00	do ... Welland Railway Co .....	do .....
.....	.....	25	00	25	00	do ... John Gordon .....	J. & F. Conlin .....
106	68	53	34	160	02	do ... Edward Lee .....	John Graybiel .....
484	63	47	67	532	30	do ... Lauchlin McCallum .....	Wm. Melanby .....
450	00	60	00	510	00	do ... Richard Chambers .....	H. & M. Davis .....
141	15	.....	.....	141	15	do ... Hendershot Bros .....	Eli Mead .....
151	30	.....	.....	151	30	do ... do .....	A. Sherwood .....
175	00	.....	.....	175	00	do ... do .....	do .....
129	99	28	89	158	88	do ... S. & J. Haney .....	Samuel Darling .....
80	01	17	78	97	79	do ... S. Walthe & Co .....	Lewis J. Weatherly .....

C.—Continued.

Lessees' Accounts, 1876-77.—Continued.

CR.

Description of Property.	Date to which the Account is made up to.	Abatements for year ended 30th June, 1877.		Paid during Fiscal Year.	Balance due, 30th June, 1877.		Total.
		\$ cts.	\$ cts.		\$ cts.	\$ cts.	
Grist Mill, Waste Weir No. 1.....	June 30, 1877				280 95	280 95	
Merchants' Mill do .....	do 30, 1877				480 00	480 00	
Lot of Land do .....	do 30, 1877				40 00	40 00	
Wharf Lot, Port Dalhousie, east side of Piers..	do 30, 1877				520 00	520 00	
Woodyard do do Lock No. 1	do 30, 1877				130 00	130 00	
Docks at do near Lock No. 1..	do 30, 1877				264 00	264 00	
Dry Dock, do part of Lock No. 1, 1st Concession, Grantham.....	do 30, 1877				600 00	600 00	
Saw Mill, Port Dalhousie, water for three saws, Waste Weir, No. 1.....	do 30, 1877				726 00	726 00	
Lot at Port Dalhousie, near Lock No. 1.....	do 30, 1877				130 00	130 00	
Union Mill do .....	do 30, 1877			2,985 00	2,985 00	2,985 00	
Merchants Red Mill do .....	do 30, 1877		150 00		75 00	225 00	
Wharf Lot, Port Dalhousie, do .....	do 30, 1877		40 00		20 00	60 00	
Saw Mill, Allanburgh.....	do 30, 1877				1,132 30	1,132 30	
Lot at, Lock No. 2.....	do 30, 1877				20 00	20 00	
Saw Mill at Lock No. 5.....	do 30, 1877				419 15	419 15	
Grist Mill at New Lock No. 10.....	do 30, 1877		140 00		280 00	420 00	
Cement Mill and Stave Factory, Lock No. 15..	do 30, 1877				800 00	800 00	
Saw Mill opposite Lock No. 20 .....	do 30, 1877				1,991 00	1,991 00	
Saw Mill Lock No. 21.....	do 30, 1877		324 00		103 00	432 00	
Tannery do 22.....	do 30, 1877		95 40		31 80	127 20	
Factory do 23.....	do 30, 1877				125 00	125 00	
Saw Mill do 23.....	do 30, 1877				657 00	657 00	
Cotton Factory, Locks Nos. 12, 13 and 14.....	do 30, 1877				480 00	480 00	
Wharf Lot and Storehouse, Lock No. 23.....	do 30, 1877		100 00		20 00	120 00	
Plaster Mills, Lock No. 25.....	do 30, 1877		200 00		40 00	240 00	
Grist Mills do 24.....	do 30, 1877				1,221 00	1,221 00	
Merchants Mills do 24.....	do 30, 1877				910 00	910 00	
Grist Mill do 25.....	do 30, 1877				2,720 00	2,720 00	
Dry Dock, Port Robinson.....	do 30, 1877				1,509 00	1,509 00	
Saw Mill do .....	do 30, 1877	60 00			940 00	1,000 00	
Grist Mill do .....	do 30, 1877				666 50	666 50	
Grist Mill, Allanburgh.....	do 30, 1877				3,789 44	3,789 44	
Shingle Factory, Allanburgh.....	do 30, 1877				786 00	786 00	
Grist Mill, Port Robinson.....	do 30, 1877		40 00		20 00	60 00	
do do .....	do 30, 1877				446 35	446 35	
Saw Mill, Merrittville.....	do 30, 1877				260 00	260 00	
Grist Mill do .....	do 30, 1877				456 00	456 00	
Storehouse and Wharf, Merrittville.....	do 30, 1877				160 00	160 00	
Grist Mill, Merrittville.....	do 30, 1877				320 00	320 00	
Wharf Lot, Port Colborne.....	do 30, 1877		25 00		25 00	25 00	
Second Elevator, do .....	do 30, 1877		20 00		20 00	40 00	
Wood Yard, do .....	do 30, 1877		25 00		25 00	25 00	
Grist Mill, Marshville.....	do 30, 1877				160 02	160 02	
Saw Mill, Broad Creek.....	do 30, 1877				532 30	532 30	
Grist and Saw Mill, Dunville.....	do 30, 1877				510 00	510 00	
Wharf Lot at Merrittville, part of Lots 25 and 26 .....	do 30, 1877				141 15	141 15	
Wharf Lot at Merrittville .....	do 30, 1877				151 30	151 30	
Two Wharf Lots at Merrittville.....	do 30, 1877				175 00	175 00	
Grist Mill, Dunville.....	do 30, 1877				158 83	158 83	
Carding Machine, Dunnville.....	do 30, 1877				97 79	97 79	

APPENDIX

HYDRAULIC and other Rents, &c —

Balance due on 1st July, 1876.	Accrued, year ended 30th June, 1876.	Total.	Name of Work.	Present Occupant.	Original Lessees.
\$ cts.	\$ cts.	\$ cts.			
247 48	25 78	273 26	Welland Canal..	Irvin & Duval.....	McIndoe & Gordon.....
346 68	46 22	392 90	do	M. A. Smith.....	Chisholm & Minor.....
3,217 59	237 34	3,454 93	do	John Oldfield & Co.....	.....
2,480 00	160 00	2,640 00	do	Estate D. Thompson.....	Parke & Cowan.....
366 67	66 67	433 34	do	George Scott.....	.....
50 00	25 00	75 00	do	Hendershot Bros.....	.....
169 49	37 66	207 15	do	S. & J. Haney.....	J. Brown & W. H. Merrit, Jun.....
204 45	51 11	255 56	do	Wm. Scholfield.....	L. Brocklebank.....
10 00	20 00	30 00	do	Grand Trunk Railway.....	.....
120 00	20 00	140 00	do	John Fanning.....	.....
800 00	100 00	900 00	do	Cotton Warp Co.....	Nutty & Woodward.....
250 00	500 00	750 00	do	St. Catharines Waterpower Co.....	J. R. Merritt, Manager
1,500 00	300 00	1,800 00	do	Tucker & Rannie.....	.....
200 00	200 00	400 00	do	John Riorden.....	Welland Canal Loan Co.....
300 00	120 00	420 00	do	Wm. Parnell.....	do
240 00	80 00	320 00	do	Archibald Dobbie.....	do
55 00	110 00	165 00	do	McPherson & Weir.....	do
770 00	140 00	910 00	do	Welland Dry Dock Co.....	.....
12 00	8 00	20 00	do	Donaldson Estate.....	John Donaldson.....
20 00	.....	20 00	do	St. Catharines' Gas Light Company.....	.....
1,050 00	140 00	1,190 00	do	Port Robinson Dry Dock Company.....	.....
48 00	12 00	60 00	do	Richard Miller.....	.....
66 25	15 00	81 25	do	Abraham Hendershot.....	.....
828 00	.....	828 00	do	Imlack & Hicks.....	.....
1,200 00	.....	1,200 00	do	Hugh Boomer.....	H. S. St. John and J. C. Street.....
125 00	.....	125 00	do	John Hellems.....	.....
1,166 00	.....	1,166 00	do	J. & A. Bowman.....	.....
4,601 00	.....	4,601 00	do	Dunlop & Seeley.....	.....
100 00	100 00	200 00	do	William Hutchinson.....	.....
10 00	10 00	20 00	do	John Taylor.....	.....
.....	25 00	25 00	do	Alonzo Quackenbush.....	.....
45,695 06	7,133 66	52,828 72			
100 00	100 00	200 00	Burlington Bay Canal.....	N. F. Birely.....	Birely & Nevills.....
.....	200 00	200 00	do	Bridget Perry.....	.....
.....	10 00	10 00	do	James C. McKeand.....	.....
50 00	.....	50 00	Custom House St. Lawrence River.....	Wm. McKay.....	.....
.....	25 00	25 00	do	Richelieu and Ontario Navigation Company.....	.....



C.—Continued.

Lessees' Accounts, 1876-77.—Continued.

CR.

Description of Property.	Date to which the Account is made up to.	Abatements, year ended 30th June, 1877.	Paid during Fiscal Year.	Balance due 30th June, 1877.		Total.	
				\$	cts.		
Saw Mills, Dunnville .....	June 30, 1877			\$	cts.	\$	cts.
do do .....	do 30, 1877			273	26	273	26
do Haldimand .....	do 30, 1877			392	90	392	90
Merchants' Mill at Lock No. 24.....	do 30, 1877			3,454	93	3,454	93
Saw Mill, Dunnville.....	do 30, 1877			2,640	00	2,640	00
Two Wharf Lots, Merrittville.....	do 30, 1877			433	34	433	34
				75	00	75	00
Plaster Mill, Dunnville.....	do 30, 1877			207	15	207	15
Grist Mill, Haldimand.....	do 30, 1877			255	56	255	56
Supply of water for engine.....	do 30, 1877	30 00					30 00
Ground near George A. Clark's.....	do 30, 1877			140	00	140	00
Cotton Factory, Lock No. 24.....	do 20, 1877			900	00	900	00
Water Power, Locks 3 to 11 .....	do 30, 1877		500 00	250	00	750	00
Old Saw and Grist Mill, Allanburg .....	do 30, 1877			1,800	00	1,800	00
Paper Factory at Lock No. 17 .....	do 30, 1877		300 00	100	00	400	00
Planing Machine do 20.....	do 30, 1877		360 00	60	00	420	00
Machine Shop do 22.....	do 30, 1877			320	00	320	00
Machine Shop do 23.....	do 30, 1877		110 00	55	00	165	00
Lot at Aqueduct, Welland.....	do 30, 1877			910	00	910	00
Storehouse, Port Robinson.....	do 30, 1877		8 00	12	00	20	00
Wharf Lot at Lock No. 3 .....	do 30, 1877		20 00			20	00
Water to float vessels, Port Robinson.....	do 30, 1877			1,190	00	1,190	00
Water supply at Lock No. 23 .....	do 30, 1877			60	00	60	00
Wharf Lot, Welland.....	do 30, 1877			81	25	81	25
Grist Mill, Port Maitland.....	do 30, 1877			828	00	828	00
do Dunnville.....	do 30, 1877			1,200	00	1,200	00
Wharf Lot at Junction Lock.....	do 30, 1877			125	00	125	00
Pail factory, Allanburgh.....	do 30, 1877			1,166	00	1,166	00
Saw Mill, Merrittville.....	do 30, 1877			4,601	00	4,601	00
Wharf Lot at East Pier, Port Dalhousie.....	do 30, 1877			200	00	200	00
do Grand River, Dunnville.....	Dec. 31, 1877			20	00	20	00
Part of Lot No. 23, 2nd Concession, Grantham	June 30, 1877			25	00	25	00
Pleasure Grounds, &c.....			90 00	2,457	40	50,281	32
						52,828	72
Part of Reserve on the Beach.....	Dec. 31, 1877		200 00			200	00
do .....	do 31, 1877		200 00			200	00
do .....	do 31, 1877		10 00			10	00
Offices in Custom House, St. John, N B.....		50 00				50	00
Roadway from Pier to Côteau Landing.....	June 30, 1877		25 00			25	00

APPENDIX

DR.

HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1876.	Accrued, year ended 30th June, 1877.	Total.	Name of Work.	Present Occupant.	Original Lessees.
\$ cts.	\$ cts.	\$ cts.			
	1 00	1 00			
25 00	5 00	30 00			
	3 00	3 00			
	1 00	1 00			
2 00	1 00	3 00			
177 00	346 00	523 00			
<i>Petty Rents.</i>					
				Dominion Telegraph Co.....	
				Montreal Telegraph Co.....	
				Dominion Telegraph Co.....	
				St. Lawrence Tow Boat Company.....	
				D. Moore & Co.....	

C.—Continued.

Lessees' Accounts, 1876--77.—Continued.

CR.

Description of Property.	Date to which the Account is made up.	Abatements, Year ended 30th June, 1877.	Paid during Fiscal Year.	Balance due 30th June, 1877.	Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
Permission to erect a pole at St. Anne's Lock.....	May 1, 1877.....			1 00	1 00
Permission to erect a pole at Recollet Bridge, Rivière des Prairies.....	do 1, 1877.....			30 00	30 00
Permission to erect a pole at Recollet Bridge, Rivière des Prairies.....	do 1, 1877.....			3 00	3 00
Office at Rivière du Loup.....	June 30, 1877.....			1 00	1 00
Part of Reserve at mouth of Maitland River, Goderich Harbour.....	do 30, 1877.....		3 00		3 00
		50 00	438 00	35 00	523 00

DR.

HYDRAULIC and other Rents, &c.—

Balance due on Par- chase, 1st July, 1876.		Accrued, year ended 30th June, 1877.		Total.	Name of Work.	Name of Proprietor.
\$	cts.	\$	cts.	\$	cts.	
<b>LAND SALES—PRINCIPAL ACCOUNT.</b>						
2,536	67			2,536	67	Lachine Canal..... Estate Philip Turcotte, now R. A. R. Hubert
433	34			433	34	Bonner's Rents, Quebec. Timothy Sullivan, now Michael Murphy
332	34			332	34	do do John Bailey, now Alex. Powell
300	00			300	00	do do Abraham Thompson
147	80			147	80	do do John Boomer
248	40			248	40	do do John Garbatz, now J. C. Nolan
154	80			154	80	do do N. H. Bowen
600	00			600	00	do do Estate Robert Reed
333	33			333	33	do do Jean Chevalier
63	00			63	00	do do Thomas McAdam
533	33			533	33	do do Daniel Holden
333	33			333	33	do do George Creeley
10,329	60			10,329	60	Great Cranberry Marsh Municipality County Welland
450	00			450	00	Whitby Harbour..... Chester Draper
12,092	83			12,092	83	H. & P. D. Road..... Choat & Kern (matured)
		16,987	50	16,987	50	Montreal..... Harbour Commissioners of Montreal
		130	00	130	00	British Columbia..... J. K. Sutor
		375	00	375	00	Intercolonial Railway... Thomas Proud
		245	00	245	00	do do Hannah Walsh
		315	00	315	00	do do John Nickerson
		226	00	226	00	do do James McCutcheon
		195	00	195	00	do do George V. Nolan
		300	00	300	00	do do S. F. Mathews
28,889	97	18,773	50	47,663	47	
<b>LAND SALES.—INTEREST ACCOUNT.</b>						
1,633	23	152	22	1,785	45	Lachine Canal..... Estate P. Turcotte, now R. A. R. Hubert
454	00	26	00	480	00	Bonner's Rents, Quebec. Timothy Sullivan, now Michael Murphy
100	00	20	00	120	00	do do John Bailey, now Alex. Powell
72	00	18	00	90	00	do do Abraham Thompson
39	91	8	87	48	78	do do John Boomer
81	99	14	91	96	90	do do John Garbatz, now J. C. Nolan
88	18	9	29	97	47	do do Noel Hill Bowen
360	00	36	00	396	00	do do Estate Robert Reed
190	00			190	00	do do Jean Chevalier
298	68			298	68	do do Daniel Holden
35	91			35	91	do do Thomas McAdam
100	00			100	00	do do George Creeley
100	00			100	00	do do Joseph Brook (tenant)
13,624	35	619	78	14,244	13	Great Cranberry Marsh. Municipality, County Welland
85	91	27	00	112	91	Whitby Harbour..... Chester Draper
6,298	25			6,298	25	H. and P. D. Road..... Choat & Kern
		1,019	25	1,019	25	Montreal..... Harbour Commissioners of Montreal
23,562	41	1,951	32	25,513	73	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st July, 1876.

C.—Continued.

Lessees' Accounts, 1876-77.—Concluded.

CR.

Description of Property.	Date to which the Account is made up.	Abatements for year ended 30th June, 1877.		Paid during Fiscal Year.	Balance due 30th June, 1877.		Total.
		\$ cts.	\$ cts.		\$ cts.	\$ cts.	
Farm, Côte St. Paul.....					2,536 87		2,536 87
Lot No. 1, Wolfe Street.....					433 34		433 34
do 9, do .....					333 34		333 34
do 49, do .....					300 00		300 00
do 73, and 74, Tower Street.....					147 80		147 80
do 64, Wolfe St., and 211 and 252, Ware Street.....					248 40		248 40
do 67 and 68, Monument Street.....					154 80		154 80
do 22 and 23, Wolfe Street.....					600 00		600 00
do 32, Wolfe Street.....					333 33		333 33
do 135, Church Street.....					63 00		63 00
do 65 and 66, Wolfe Street.....					533 33		533 33
do 31, Wolfe Street.....					333 33		333 33
Township of Humberston and Wainfleet					10,329 60		10,329 60
Water Lot .....					450 00		450 00
Hamilton and Port Dover Road and Caledonia Bridge.....					12,092 83		12,092 83
Part of Lot No. 1, Common Street .....					16,987 50		16,987 50
Lot No. 5, Block XIV, New Westminster				130 00			130 00
Parcel of Land in St. John, N.B. ....				375 00			375 00
do do .....				245 00			245 00
do do .....					315 00		315 00
do do .....				226 00			226 00
do do .....				195 00			195 00
do do .....				300 00			300 00
				1,471 00	46,192 47		47,663 47
Farm, Côte St. Paul.....	May 1, 1877..				1,785 45		1,785 45
Lot No. 1, Wolfe Street.....	do 1, 1877..				480 00		480 00
do 9 do .....	do 1, 1877..				120 00		120 00
do 49 do .....	do 1, 1877..				90 00		90 00
do 73 and 74 Tower Street.....	do 1, 1877..				48 78		48 78
do 64 Wolfe Street, add 211 and 252 Ware Street.....	do 1, 1877..				96 90		96 90
do 67 and 68 Monument Street.....	do 1, 1877..				97 47		97 47
do 22 and 23 Wolfe Street.....	do 1, 1877..				396 00		396 00
do 32 Wolfe Street .....	Nov. 1, 1863..				190 00		190 00
do 65 and 66 Wolfe Street.....	do 1, 1863..				298 68		298 68
do 135 Church Street.....	do 1, 1863..				35 91		35 91
do 31 Wolfe Street .....	do 1, 1863..				100 00		100 00
Monument Hotel.....	do 1, 1863..				100 00		100 00
Townships of Humberstone and Wainfleet	May 1, 1877..				14,244 13		14,244 13
Water Lot.....	March 1, 1877..				112 91		112 91
Hamilton and Port Dover Road and Caledonia Bridge.....					6,298 25		6,298 25
Part of Lot No. 1, Common Street.....	Feb. 3, 1877..				1,019 25		1,019 25
					25,513 73		25,513 73

A. BRUNEL,  
Commissioner.



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SUPPLEMENT No. 1

TO THE

INLAND REVENUE REPORT

FOR YEAR ENDED 30TH JUNE, 1877.

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CANAL STATISTICS

FOR SEASON OF NAVIGATION, 1877.

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OTTAWA:  
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.  
1878.





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31st December, 1877.**

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SUPPLEMENT No. 1,  
TO THE  
**REPORT**  
OF THE  
**COMMISSIONER OF INLAND REVENUE.**

To the Honorable  
The Minister of Inland Revenue.

SIR,—I have now the honor to submit my Report on the Canal Statistics for the Season of Navigation of 1877.

1. The Statistics for the Season of 1876 are printed with the Annual Report of the Department; and comparing them with those now submitted, it will be seen that the aggregate revenue accrued has increased in 1877, as compared with that of the preceding year, by \$6,123.47. This increase is accounted for as follows:—

	Decrease.	Increase.
	\$    cts.	\$    cts.
On the Welland Canal.....		25,790 43
do St. Lawrence Canals.....	19,340 65	.....
do Burlington Bay Canal.....		236 70
do Chambly Canal.....	1,559 00	.....
do Rideau Canal .....	508 53	.....
do Ottawa Canals.....		1,856 55
do St. Peter's Canal.....	32 82	.....
do Newcastle District Canals..	319 21	.....
	21,760 21	27,883 68

Showing a net increase of..... 6,123 47  
or about 1.65 per cent.

2. In continuation of the statistical comparisons which were given last year of the quantities of the principal articles carried through the Welland Canal, with the quantities of similar articles carried over the routes in the United States in competition with that work, similar statements will be found printed herewith.

Comparisons  
with New-  
York Canals.



4. The movement of *Heavy Goods*, including iron, salt, coal and iron ore, shows the following result:—

	1870.		1871.		1872.		1873.		1874.		1875.		1876.		1877.	
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.
New York Canals.....	15.09		1.12		18.01		19.37			3.14		8.55		41.52		11.33
Welland Canal.....		2.35	5.81			5.11	25.113		44.44			1.52	9.08		7.47	

Vegetable Food cleared downwards.

5. Making a similar comparison of the tonnage of similar articles of Vegetable Food cleared downwards at Buffalo and Tonawanda, with the quantities cleared eastward at Port Colborne, we have the following result :—

	1870.		1871.		1872.		1873.		1874.		1875.		1876.		1877.	
	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.	Increase per cent.	Decrease per cent.
At Buffalo and Tonawanda...	2.05		67.29		67.55		82.10		47.18		29.38				55.52	
At Port Colborne.....	17.15		33.30		26.61		9.45		26.26		1.45		14.33			25.87





Proportion of freight carried by New York canals and competing Railways.

7. On reference to the returns made by the railways to the State authorities of New York, and to the canals statistics submitted to the State Legislature, I find that of the total tonnage of freight carried by the canals and railways, the State canals carried:—

1859.....	68·9	per cent.
1869.....	47·0	do
1870.....	38·9	do
1871.....	38·9	do
1872.....	40·1	do.
1873.....	34·9	do
1874.....	31·7	do
1875.....	28·4	do
1876.....	24·6	do

It will thus be seen that although, as will persently appear, the total quantity of freight carried by the canals and railways was less in 1876 by more than one hundred and fifty-three thousand tons than the quantity carried in 1875, the railways still succeeded in increasing the proportion carried by them.

The quantities carried are as follows:—

	Total Tonnage.	Proportion by Canals.
In 1859.....	5,485,076	·6890
1869.....	12,453,174	·4705
1870.....	15,148,274	·3895
1871.....	15,844,152	·3896
1872.....	16,631,609	·4012
1873.....	18,200,208	·3497
1874.....	18,283,547	·3174
1875.....	17,101,758	·2841
1876.....	16,948,627	·2462

The above figures are the latest I have been able to obtain in a reliable form. By reference to the figures in Statement G. as to the quantity of Vegetable Food carried to tide-water, it will be observed that the quantity carried by canals has increased fifteen per cent. as compared with 1869, and twenty-nine per cent. as compared with the previous year, and the quantity carried by railways has increased nearly one hundred and twenty-nine and a quarter per cent. as compared with 1869, and a decrease of thirteen and a quarter per cent. as compared with the previous year.

8. The following figures are an abstract of the quantities, for nine years, of Vegetable Food carried to tide-water by the canals and railways of the State of New York:—

Proportion of Vegetable Food carried by New York canals and competing Railways.

	Canals.	Railways.	Total.	Proportion by Canals.
1869.....	1,302,613	1,087,809	2,390,422	·345
1870.....	1,295,010	1,766,457	3,061,467	·423
1871.....	1,850,198	2,205,589	4,055,787	·456
1872.....	1,674,320	1,870,614	3,544,934	·472
1873.....	1,745,171	2,036,992	3,782,163	·461
1874.....	1,767,598	2,791,517	4,559,115	·387
1875.....	1,305,550	2,343,241	3,648,791	·357
1876.....	1,064,293	2,875,803	3,940,096	·270
1877.....	1,498,984	2,493,683	3,992,667	·375

I have the honor to remain, Sir,

Your obedient servant,

A. BRUNEL,  
*Commissioner.*

DEPARTMENT OF INLAND REVENUE,  
31st January, 1878.

C.—TABLE showing the Tonnage of the undermentioned Articles, moved on all the Canals of the State of New York, during a series of Nine Years.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>									
Flour.....	71,051	54,978	41,211	20,534	19,307	29,134	17,635	9,290	8,923
Wheat.....	670,534	658,524	748,549	403,903	803,064	772,163	744,293	416,376	448,043
Corn.....	256,475	193,129	672,057	902,753	637,296	519,203	282,031	365,254	723,458
Barley.....	99,012	123,191	113,892	120,061	70,586	98,654	104,475	96,494	139,453
Oats.....	92,309	117,941	129,891	92,969	70,023	39,408	42,717	52,147	66,045
Rye.....	13,489	19,520	34,563	30,160	30,160	8,215	8,309	19,949	35,948
Other Vegetable Food.....	89,743	127,727	109,935	120,753	114,735	280,321	86,090	104,783	77,114
<b>Total</b> .....	<b>1,302,613</b>	<b>1,295,010</b>	<b>1,850,198</b>	<b>1,674,320</b>	<b>1,745,171</b>	<b>1,767,898</b>	<b>1,305,550</b>	<b>1,064,293</b>	<b>1,498,984</b>
Increase } per cent. as compared with Decrease } 1869.			42.03	28.53	33.97	35.69	0.22	.....	15.07
<b>HEAVY GOODS.</b>									
Railway Iron.....	137,677	135,930	178,269	161,667	53,363	24,511	36,603	11,691	10,341
Other Iron.....	79,652	89,708	109,310	96,996	62,581	82,955	95,305	69,450	58,828
Salt.....	263,333	266,740	249,709	248,558	216,706	173,590	186,785	114,070	156,918
Coal.....	1,324,408	1,558,185	1,194,037	1,462,590	1,625,859	1,413,162	1,217,091	1,036,698	1,286,881
Ores.....	183,992	238,802	289,952	377,592	415,968	232,544	283,219	173,530	250,573
<b>Total</b> .....	<b>1,989,062</b>	<b>2,289,365</b>	<b>2,011,277</b>	<b>2,347,403</b>	<b>2,374,477</b>	<b>1,926,762</b>	<b>1,819,003</b>	<b>1,405,439</b>	<b>1,763,541</b>
Increase } per cent. as compared with Decrease } 1869.		15.09	1.12	18.01	19.37	3.14	.....	.....	.....
								44.52	11.33

NOTE.—In 1872 there was a change made in the rate of tolls, by which the tariff on flour, wheat, barley, rye, anthracite coal and iron ore was reduced one-half; on corn and oats, two-fifths; and on railway iron, domestic salt and bituminous coal, one-third.

D.—TABLE showing the Tonnage of the undermentioned articles moved through the Welland Canal through a series of Nine Years, ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>									
Flour.....	45,674	42,741	47,403	27,623	29,780	29,361	17,681	15,759	14,968
Wheat.....	313,825	432,162	435,146	297,222	303,507	378,591	340,345	261,030	182,698
Corn.....	120,569	84,252	164,599	264,262	194,950	198,000	127,688	119,506	169,233
Barley.....	20,951	34,001	13,788	14,719	6,174	7,729	14,067	37,057	22,293
Oats.....	.....	.....	2,460	7,706	3,272	3,023	4,192	14,553	13,066
Rye.....	904	1,036	954	3,737	.....	516	417	.....	1,531
Other Articles.....	1,937	2,557	3,706	8,179	2,367	5,338	7,600	6,474	2,778
Total.....	503,860	596,749	688,076	623,448	540,050	622,558	511,990	455,022	406,567
Increase } per cent. as compared with	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decrease } 1869.	.....	18.43	32.59	23.73	7.18	23.55	1.61	9.69	19.3
<b>HEAVY GOODS.</b>									
Railway Iron.....	68,064	60,110	62,720	41,167	18,815	4,702	5,962	1,623	3,767
Other Iron.....	16,924	20,433	24,676	19,677	17,518	18,374	10,428	7,392	6,280
Salt.....	91,575	83,289	92,232	47,766	40,721	44,264	19,198	17,437	23,188
Iron and Salt, having paid full toll on	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Lawrence Canals.....	37,153	37,138	39,062	53,691	55,302	32,435	21,814	24,154	25,580
Coal.....	103,126	98,472	125,119	136,480	245,622	372,979	269,659	328,403	324,785
Ores.....	58,781	67,334	53,624	57,615	92,069	69,815	42,896	32,563	22,387
Total.....	375,623	366,776	397,453	356,396	470,047	542,569	369,957	411,472	405,987
Increase } per cent. as compared with	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decrease } 1869.	.....	2.35	5.81	5.11	25.113	44.44	1.52	9.8	7.47

E.—TABLE showing the Tonnage of the undermentioned Articles cleared at Buffalo and Tonawanda for transit through the Erie Canal for a series of Nine Years ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>									
Flour .....	5,609	8,358	5,607	330,032	737,167	650,161	5,859	231	1,710
Wheat .....	490,904	502,158	570,819	866,169	611,675	459,728	695,315	377,317	398,416
Corn .....	219,874	165,577	579,709	41,515	8,636	3,192	273,006	366,064	709,723
Barley .....	1,978	19,944	19,810	41,515	8,636	3,192	1,156	6,335	26,351
Oats .....	63,728	89,156	106,391	73,572	51,615	44,079	36,609	26,488	54,559
Rye .....	2,150	10,693	27,622	5,900	22,441	112	2,242	12,205	27,365
Other Articles .....	2,193	6,906	5,705	88	634	237	3,372	4,691	4,976
<b>Total</b> .....	<b>786,436</b>	<b>802,692</b>	<b>1,315,693</b>	<b>1,317,276</b>	<b>1,432,174</b>	<b>1,157,509</b>	<b>1,017,559</b>	<b>783,331</b>	<b>1,223,100</b>
Increase } per cent. as compared {		2.05	67.29	67.50	82.10	47.18	29.38		55.52
Decrease }								0.39	

SUPPLEMENT to the above showing the Shipments at Oswego during the same period.

Flour .....	7,361	11,440	10,043	4,773	4,061	.....	1,728	967	805
Wheat .....	141,360	115,732	123,173	57,865	53,361	108,286	32,690	21,690	28,955
Corn .....	28,585	10,120	70,218	27,148	10,578	46,127	3,034	1,324	3,308
Barley .....	66,794	77,906	72,675	62,172	46,337	77,007	75,083	63,336	80,306
Oats .....	1,113	3,953	1,806	684	670	1,103	3,308	117	316
Rye .....	8,569	7,402	6,250	6,751	6,019	7,053	4,989	5,703	6,603
Other Articles .....	14,033	11,628	13,259	10,425	10,739	3,747	6,931	6,638	6,656
<b>Total</b> .....	<b>267,815</b>	<b>238,181</b>	<b>297,424</b>	<b>169,818</b>	<b>131,765</b>	<b>243,325</b>	<b>126,763</b>	<b>99,375</b>	<b>126,899</b>
Increase } per cent. as compared {			11.06						
Decrease }		11.06		36.58	50.80	9.14	52.67	62.67	52.61

F.—Table showing the Tonnage of the undermentioned Articles cleared downwards at Port Colborne during a series of Nine Years ended 30th June, 1877.

	1869. — Tons.	1870. — Tons.	1871. — Tons.	1872. — Tons.	1873. — Tons.	1874. — Tons.	1875. — Tons.	1876. — Tons.	1877. — Tons.
<b>VEGETABLE FOOD.</b>									
Flour.....	44,110	41,694	45,867	27,138	29,775	29,368	17,645	16,759	14,928
Wheat.....	310,090	428,749	418,917	290,859	292,148	370,091	333,903	254,328	175,018
Corn.....	119,541	83,418	163,104	262,643	194,950	197,873	127,665	119,234	169,233
Barley.....	3,920	6,500	7,366	8,543	2,965	2,147	4,377	813	5,428
Oats.....	680	757	804	7,561	3,257	3,019	4,191	14,553	13,066
Rye.....	1,541	1,081	3,635	3,695	2,166	3	3,100	5,285	1,497
Other Articles.....	479,882	562,899	639,693	7,175	525,261	605,916	486,881	411,115	381,244
Total.....									
Increase.....		17.15	33.3	26.61	9.45	26.26	1.45	.....	.....
Decrease.....								14.33	25.87
Increase..... } Per cent. as compared { Decrease..... } with 1869. {									

TABLE showing the Tonnage of the undermentioned Articles passed through the Welland Canal in transit between Ports in the United States, during a series of Nine Years ended 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>VEGETABLE FOOD.</b>									
Flour.....	30,681	25,353	20,376	14,651	11,079	9,489	6,555	3,077	4,772
Wheat.....	211,086	224,480	222,866	162,905	134,158	151,983	190,137	117,337	92,390
Corn.....	91,149	80,409	132,200	129,146	86,417	122,045	86,417	52,164	70,878
Barley.....	2,942	5,543	5,451	6,669	1,677	1,634	.....	2,641	543
Oats.....	.....	.....	1,987	7,478	3,110	3,017	3,928	4,511	340
Rye.....	667	1,036	917	3,022	.....	3	.....	643	568
Other Articles.....	1,006	563	788	2,168	302	1,943	4,374	1,512	345
Total.....	337,530	337,384	384,585	316,619	236,743	290,114	291,473	181,885	169,836
Increase.. } per cent. as compared {	.....	.....	13.94	.....	.....	.....	.....	.....	.....
Decrease.. }	.....	.....	.....	6.19	29.86	14.04	13.65	46.11	49.63
<b>HEAVY GOODS.</b>									
Railway Iron.....	68,064	59,906	62,123	40,109	16,706	2,698	5,672	20	3,732
Other Iron.....	14,334	17,433	18,761	14,204	14,534	11,762	7,150	3,903	4,551
Salt.....	89,086	81,474	90,135	46,594	40,377	43,673	18,653	17,094	22,378
Coal.....	28,666	27,320	42,882	51,011	132,958	192,962	163,931	211,114	171,937
Ores.....	35,912	52,678	34,634	44,563	63,735	40,233	18,977	31,220	26,199
Total.....	235,962	238,811	248,535	199,481	268,310	291,328	219,383	263,351	228,787
Increase.. } per cent. as compared {	.....	.....	5.32	.....	.....	.....	.....	.....	.....
Decrease.. }	.....	.....	.....	15.46	13.07	23.46	7.03	11.56	3.04

G.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals, and on the two Principal Railways competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Nine Years ending 30th June, 1877.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Total on New York Canals.....	1,302,613	1,295,010	1,850,198	1,674,320	1,745,171	1,767,598	1,305,550	1,064,293	1,498,984
Increase } per cent. as compared {			42.03	28.53	33.97	35.69	0.22	18.29	15.07
Decrease } with 1869.		0.38							
Total on Welland Canal.....	503,860	596,749	668,076	623,448	540,050	622,558	511,990	455,022	406,567
Increase } per cent. as compared {		18.43	13.59	23.73	7.18	23.55	1.61	9.69	19.3
Decrease } with 1869.									
Total on New York Central and Erie Railways.....	1,087,809	1,766,457	2,205,589	1,870,614	2,036,992	2,791,517	2,343,241	2,875,803	2,493,683
Increase } per cent. as compared {		62.36	102.75	71.96	87.25	156.62	115.4	165.40	129.23
Decrease } with 1869.									
Quantity cleared at Buffalo and Tonawanda by Erie Canal.....	786,436	802,592	1,315,693	1,317,276	1,432,174	1,157,509	1,017,559	783,331	1,223,100
Increase } per cent. as compared {		2.05	67.29	67.50	82.1	47.18	29.38	0.39	55.52
Decrease } with 1869.									
Quantity cleared at Oswego by Canal.....	267,815	238,181	297,424	169,818	131,765	243,325	126,763	99,975	126,899
Increase } per cent. as compared {		11.06	11.05	36.59	50.8	9.15	52.71	62.7	52.61
Decrease } with 1869.									
Quantity cleared through the Welland Canal in transit between ports in the United States.....	337,530	337,384	384,585	316,619	236,743	290,114	291,473	181,885	169,836
Increase } per cent. as compared {		0.04	13.91	6.19	29.86	14.04	13.65	46.5	49.68
Decrease } with 1869.									



## CANAL

## H 1.—COMPARATIVE STATEMENT for Years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1876.....				5,796 02	23,105 65
do 1877.....			636 30	7,323 43	32,960 37
Increase.....			636 30	1,527 41	9,854 72
Decrease.....					
St. Lawrence Canals, 1876.....					13,515 61
do 1877.....					8,377 26
Increase.....					
Decrease.....					5,138 35
Chambly Canal, 1876.....					3,394 43
do 1877.....				33 55	3,041 35
Increase.....				33 55	
Decrease.....					353 08
Rideau Canal, 1876.....					959 09
do 1877.....				2 75	947 20
Increase.....				2 75	
Decrease.....					11 89
Ottawa Canals, 1876.....					3,046 44
do 1877.....				19 97	5,412 21
Increase.....				19 97	2,365 77
Decrease.....					
Burlington Bay Canal, 1876.....				44 64	391 30
do 1877.....				82 97	525 62
Increase.....				38 33	134 32
Decrease.....					
St. Peter's Canal, 1876.....					
do 1877.....					
Increase.....					
Decrease.....					
Newcastle District Canals, 1876.....					
do 1877.....				3 50	49 32
Increase.....				3 50	49 32
Decrease.....					
Total Increase.....			636 30	1,625 51	6,900 81
Total Decrease.....					

## REVENUE.

ending 31st December, 1876 and 1877.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
33,973 92	27,826 92	35,160 45	31,588 81	26,661 76	24,278 63	437 11	208,829 27
31,905 35	31,717 19	32,484 14	38,105 12	31,618 94	26,858 18	1,010 68	234,619 70
2,068 57	3,890 27	2,676 31	6,516 31	4,957 18	2,579 55	573 57	25,790 43
15,729 17	14,036 76	15,323 31	10,803 27	14,103 80	7,790 60	46 07	91,348 59
10,888 77	8,591 03	8,677 44	11,283 28	15,350 64	8,752 08	87 44	72,007 94
4,840 40	5,445 73	6,645 87	480 01	1,246 84	961 48	41 37	19,340 65
2,237 08	3,933 97	2,725 61	2,307 74	3,026 16	2,934 98		20,559 97
2,723 88	3,313 91	2,441 38	2,339 18	3,317 06	1,790 66		19,000 97
486 80			31 44	290 90			
	620 06	284 23			1,144 32		1,559 00
1,219 91	882 96	658 75	618 40	685 11	530 73	89 45	5,644 40
843 74	773 00	962 45	646 15	597 26	350 64	12 68	5,135 87
376 17	109 96	303 70	27 75	87 85	180 09	76 77	508 53
7,423 36	6,763 06	6,902 73	5,493 42	5,819 50	4,427 11		39,875 62
8,523 93	6,666 65	7,407 65	5,590 04	5,345 17	2,766 13	0 42	41,732 17
1,100 57		504 92	96 62			0 42	1,856 55
	96 41			474 33	1,660 98		
599 88	688 73	647 04	453 64	453 60	302 54	14 10	3,595 47
624 41	639 32	614 81	559 56	463 13	310 54	11 81	3,832 17
24 53			105 92	9 53	8 00		236 70
	49 41	32 23				2 29	
32 82							32
32 82							32 82
99 84	96 24	162 47	144 69	112 51	17 50		633 25
77 55	28 58	55 60	63 33	13 81	22 35		314 04
22 29	67 66	106 87	81 36	98 70	4 85		319 21
5,728 35	2,498 96	8,936 89	7,176 69	5,843 57	568 49	536 30	6,123 47

Total for year 1876..... 370,519 39  
do 1877..... 376,642 86

H, 2.—COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lumber passed through the Canals during the Years ended 31st December, 1876 and 1877.

	VEGETABLE FOOD.										Lumber.	Total.
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	All other.	Lumber.		Tons.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland Canal.....	{ 1876 15,778 1877 13,558	{ 201,906 253,953	{ 144,501 169,196	{ 18,455 19,870	{ 24,496 2,510	{ 1,454 2,439	{ 3,198 2,355	{ 111,146 65,202	{ 520,934 523,383			
Increase, 1877.....	2,220	52,047	24,695	1,415	21,686	985	843	45,944	8,449			
Decrease, 1877.....												
St. Lawrence Canals.....	{ 1876 31,023 1877 11,514	{ 183,644 208,007	{ 114,063 136,506	{ 4,810 25,865	{ 44,132 6,276	{ 3 631	{ 43,159 33,539	{ 91,538 74,098	{ 515,372 496,436			
Increase, 1877.....	19,509	24,363	22,443	21,055	37,856	628	9,620	20,440	18,936			
Decrease, 1877.....												
Chambly Canal.....	{ 1876 535 1877 387		{ 11	{ 4,209 1,944	{ 2,427 1,975		{ 2,218 1,202	{ 44,971 37,415	{ 54,371 46,923			
Increase, 1877.....	148		11	2,266	452		1,984		8,449			
Decrease, 1877.....												
Rideau Canal.....	{ 1876 300 1877 262	{ 333 210	{ 81 432	{ 57 4	{ 1,392 109	{ 72 269	{ 1,083 333	{ 10,915 13,828	{ 14,233 15,447			
Increase, 1877.....	38	123	351	53	1,283	197	750	2,913	1,214			
Decrease, 1877.....												
Ottawa Canals.....	{ 1876 125 1877 92		{ 1	{ 621 741	{ 675 888	{ 35 6,258	{ 3,628 6,258	{ 328,402 347,202	{ 333,452 335,328			
Increase, 1877.....	33	102	120	120	223	35	2,630	18,800	21,875			
Decrease, 1877.....			1									

	{ 1876 1877 }																	
Burlington Bay Canal.	7,295	7,517	2,405	464	1,348	5,610	2,084	26,385										
Increase, 1877.	1,278	2,128	2,146		1,348	1,744	1,463	10,107										
Decrease, 1877.	6,017	5,419	259	464		3,866	601	15,278										
*St. Peter's Canal.	56						44	100										
Increase, 1877.																		
Decrease, 1877.	56						44	100										
Newcastle District Canals.																		
Increase, 1877.																		
Decrease, 1877.																		
Total, Increase.	28,021	70,970	20,013	61,518	3,193	10,465	61,634	19,985										
Total, Decrease.		47,477																
Total for 1876.																		1,478,330
do																		1,468,345
do																		
do																		
do																		
do																		

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CANAL, STATISTICS

FOR

SEASON OF NAVIGATION,

1877.

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SUPPLEMENTARY APPENDIX A.

No. (A) 24.—GENERAL STATEMENT showing the Quantity of each Article transported through the Welland Canal, and the Amount of Revenue collected, during the season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....		88			27			29			437	464
Apples.....		590			14			45			637	651
Agricultural Products, not enumerated, Vegetable.....										108	203	311
Agricultural Products, not enumerated, Animal.....					13	16		8			224	237
Agricultural Implements.....	20				240	6				260	6	266
Barley.....	408				480	1,123		8,272		9,664	10,216	19,870
Bricks.....	179				39	102		116		246	340	586
Bones.....												
Baggage.....					8					8		3 20
Beer.....	6				6	63				12	53	65
Brimstone, Crude.....					12					12		25 90
Cement and Water Lime.....	6				220					12		4 80
Clay, Lime and Sand.....	110				14					226	43	269
Coal.....	631				169,255	4	18	140,455	18	1,327	1,451	168 88
Corn.....					11	3,613	9,584	140,455	179,475	144,394	323,869	62,987 12
Cattle.....					10	65,219	101,605	101,605	11	163,185	169,196	33,836 45
Cotton, Raw.....									10	1		
Coffee.....	1				55					56		22 05
Crockery.....	1				35					36		14 40
Dye Wood and Dye Stuffs.....	10				715					726		288 65
Earthenware.....	22				20	16				50	16	66 05
Fish.....	30				896	4				1,092	4	219 20
Flax and Hemp.....					1,217					1,217		243 40
Flour.....		10,077				3,44		139		13,558		1,113 78
Furniture.....	3				28	92		4		31	100	51 85
Gypsum.....	3					250				3	1,306	154 43
Glass, Window.....	45									53		21 45
Glassware.....	1				5	115				8	115	49 30



SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 24.—GENERAL STATEMENT showing the Quantity of each Article transported through the Welland Canal, &c.—Continued.

Articles.	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....	1				5	221			6	221	6	2 40
Wool.....											221	44 20
All other Goods and Merchandise, not enumerated.....	779	97	220	514	8,037	514	16	29	9,062	640	9,702	3,645 85
Bark.....	210	40	70	9	454			3	734	14	748	140 22
Barrels, Empty.....												
Boat Knees.....												
Floats.....												
Firewood, in vessels.....	3,867	49,109	630	3,550				60	4,497	52,719	57,216	2,679 37
do in rafts.....		120								190	120	7 00
Hoops.....						144				144	144	36 00
Hop Poles.....	6,879	11,211	48					16,481	6,931	58,271	65,202	10,350 26
Lumber, sawn, in vessels.....												
do in rafts.....												
Masts, Spars and Telegraph Poles, in vessels.....												
Masts, Spars and Telegraph Poles, in rafts.....												
Railway Ties, in vessels.....												
do in rafts.....												
Saw Logs.....		4,325						1,926	1,926	5,359	7,285	274 21
Staves and Headings, Barrel.....								63		63	63	10 00
do do West India.....								748		7,308	7,308	1,372 01
Staves, Salt Barrel.....								84		3,740	3,740	722 22
Shingles.....												
Split Posts and Fence Rails, in vessels.....	55	80						6	55	173	228	93 87
Split Posts and Fence Rails, in rafts.....												



Timber, square, in rafts.....	60	10,729	180	12,868	85,544	60	100,721	109,781	16,441 02
do in rafts.....	100	354		1,448	70	100	1,872	1,972	405 34
Traverses.....		157	185	25	37	185	219	404	132 20
Woodenware and Wood partly manufactured.....		125,466	7,545	234,634	495,564	300,151	863,209	1,163,360	205,884 25
Total Freight paying Tolls.	22,632	13,907	251,722	11,890	495,564	300,151	863,209	1,163,360	
Iron, Iron Ore, &c., having paid full toll on the St. Lawrence, Chambly and Rideau Canals, Free.....	1,547	3,006	7,485					12,038	
Timber passed free from Welland to Port Robinson.....									
Grand Total Freight .....	24,179	125,466	7,545	234,634	495,564	312,189	863,209	1,175,398	

Total Tolls on Vessels..... 26,874 33  
do Passengers..... 445 57  
do Free Goods..... \$1,196 85  
Fines, Damages and other Receipts.....  
Total Revenue, exclusive of Hydraulic Rents..... 1,415 55  
234,619 70

INLAND REVENUE DEPARTMENT,  
 OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 25.—GENERAL STATEMENT showing the Quantity of each Article transported through the St. Lawrence Canals and the Amount of Revenue collected during the Season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	13	1,043									1,291	221 75
Apples.....	97	5,013			1				33	97	5,029	742 05
Agricultural products not enumerated, Vegetable.....	1,000	1,189							1,001	1,189	2,190	271 13
Agricultural products not enumerated, Animal.....	149	867		135	9		1		158	1,003	1,161	115 42
Agricultural Implements.....	175	42							175	42	217	17 78
Barley.....	214	17,765			25				175	17,790	18,004	1,999 83
Bricks.....	3,240	423	89		22		177		3,506	445	3,951	240 67
Bones.....	57			609					369	549	918	76 19
Baggage.....	369	549							241	8	249	143 59
Beer.....	238	8		3								28 10
Brimstone, Crude.....	840	575							954	2,322	3,276	391 42
Cement and Water Lime.....	3,005	1,716	34				114	1,747	5,496	2,069	7,565	362 32
Clay, Lime and Sand.....	53	11,729	320		29		2,257	353	373	29,568	29,941	4,003 00
Corn.....	1,401	33,342			6	441	211	982	1,618	34,465	36,083	4,619 30
Cattle.....	70	1,028							70	1,028	1,098	76 73
Cotton, Raw.....	93	3							93	3	96	7 16
Coffee.....	7	1					10		17	1	18	2 05
Crockery.....	764	12	1						765	12	777	153 11
Dye Wood and Dye Stuffs.....	3						76		79	2	81	4 86
Earthenware.....	458	4	20				478		478	4	482	92 68
Fish.....	1,920	170	267				19		2,206	170	2,376	271 76
Flax and Hemp.....	3	45					5		8	45	53	2 34
Flour.....	2,111	9,386			5		12		2,123	9,391	11,514	1,437 02
Furniture.....	1,178	65			1				179	66	245	26 18
Gypsum.....	1,921	242					47		1,968	289	2,257	115 26
Glass, Window.....	985		23	25					1,008	25	1,033	198 77
Glassware.....	92	414	1						99	414	513	90 64

	960	159					159	960	159	1,109	90 11
Hay, Pressed.....		123					123		123	123	10 53
Hogs.....	148	309					309		459	36 14	37 86
Hides & Skins, Horns & Hoofs	29	265	2				265		307	307	
Ics.....											
Iron, Railway.....	10,144	350				963		11,318	11,668	1,633 70	
do Pig.....	7,885	25				10		8,105	8,130	789 43	
do all other.....	5,770	2,713	56			162	16	6,051	2,785	1,051 35	
Iron Ore.....	72		156		2,609			228	2,812	3,040	152 00
Kryolite or Chemical Ore, and other Ore, except Iron.....		2,077		116					2,193	2,193	109 65
Lard and Lard Oil.....	407	53						107	53	160	18 51
Meals, all kinds.....	427	1,056	2					427	1,058	1,485	125 57
Meats, other than Pork.....		92				17		32	92	124	15 79
Marble.....		86				32		118	118	118	18 65
Manilla.....	39	5						71	5	76	15 28
Molasses.....	672	49						3,695	49	3,744	246 89
Nails.....	3,353	124	273	145		2,178	2	3,608	3,731	802 02	
Oats.....	693	4,708			389			5,097	5,790	313 37	
Oil, in Barrels.....	1,191	662	4			131		1,356	664	1,990 51	
Oil Cake.....	1	2						1	2	3	0 31
Pens.....	3,909	21,836						3,909	25,745	1,979 31	
Potatoes.....	761	219						761	219	980	125 82
Pork.....	515	218					8	515	228	743	70 32
Paint.....	249	5	6			42		297	5	302	52 57
Pitch and Tar.....	81	152	15			1,087		1,183	152	1,335	79 86
Rags.....	661	183	84			36		684	183	867	101 91
Rye.....	631								631	631	94 43
Rosin.....	89	26	21			1,321		1,431	26	1,457	88 68
Salt.....	8,117	30	1,407	1	27			9,527	59	9,586	1,138 36
Stone intended for Cutting.....	58	89				105		163	189	352	34 41
do Wrought.....	15	21	1					16	173	189	34 25
do not suitable for Cutting, unwrought.....		3,462						152			
Seeds, all kinds.....	11	29						105	3,462	3,567	126 15
Sheep.....	3	467						11	29	40	4 68
Soda Ash.....	786	9	3			51		3	467	470	33 17
Steel.....	50	20						840	9	849	137 17
Sugar.....	2,014	19	18			75		50	20	76	13 93
Spirits.....	655	143	1					2,107	13	2,126	350 81
Tobacco, Raw.....	31	1						696	145	801	135 63
Tallow.....	12	48				2		33	8	41	4 83
Tin.....	488	14	10			6		504	14	518	104 64
Turpentine.....	3	2				643		616	2	648	33 15
Vinegar.....	26	248						26	248	274	53 24
Wheat.....	1,175	71,662	152		135			1,327	72,633	74,010	8,930 95
White Lead.....	63		13					76		76	14 65
Whiting.....	148							148		148	29 98

SUPP ENTARY APPENDIX A.—Continued.

No. (A) 25.—GENERAL STATEMENT showing the Quantity of each Article transported through the St. Lawrence Canals, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Wool.....	76	1			5		4		85	1	86	7 44
All other Goods and Merchandise not enumerated.....	8,365	2,043	90	158	298	601	924	131	9,677	2,933	12,610	1,787 07
Bark.....	20							4	20		20	0 75
Barrels, Empty.....	358	86	29						387	90	477	81 82
Boat Knees.....	116								116		116	2 40
Floats.....	4,880									4,880	4,880	85 44
Firewood, in vessels.....	2,586	42,060	1,185	237	192	72			3,963	42,369	46,332	1,188 10
do in rafts.....	3											
Hoops.....	751	53			47	7			50	60	110	11 50
Hop Poles.....	16,489	31,537	146	3,477	36	268		4,601	16,671	39,883	56,554	3,687 94
Lumber, sawn, in vessels.....	500	17,044							500	17,044	17,544	789 47
do do rafts.....												
Masts, Spars and Telegraph Poles, in vessels.....		52								52	52	2 60
Masts, Spars and Telegraph Poles, in rafts.....		6,162						200		6,362	6,362	174 05
Railway Ties, in vessels.....												
do rafts.....												
Saw Logs.....		9,780								200	200	20 00
Staves and Headings, Barrel.....		613								9,780	9,780	223 52
do do Pipe.....		800								613	613	42 25
do do West India.....		1,504						86		888	888	111 00
Staves, Salt Barrel.....								80		1,584	1,584	228 60
Shingles.....	17	4			1				18	4	22	4 12
Split Posts and Fence Rails, in vessels.....		3								3	3	0 30
Split Posts and Fence Rails, in rafts.....												

	60	4,333	40			20	100	4,353	4,453	219 75
Timber, Square, in vessels.....	70	13,251				960	70	14,211	14,281	457 35
do in Rafts.....		9,100						9,100	9,100	23 68
Traverses.....	330	212				19	330	231	561	184 97
Woodenware and Wood partly manufactured.....										
Total Freight paying Tolls	100,849	341,514	4,980			28,615	118,020	379,516	497,636	44,663 51
Barley having paid full Toll on the Welland Canal, Free.....		7,861			765			7,861	7,861	
Corn do do.....		91,424				8,999		100,423	100,423	
Flour do do.....		6,640				87		6,707	6,707	
Oats do do.....		102				384		486	486	
Peas do do.....		182				21		203	203	
Petroleum do do.....		129,766				482		133,997	133,997	
Wheat do do.....						4,241				
Coal, Free as per Order in Council.....	21,558		5		424		91,017		91,017	
Iron, Pig, Free as per Order in Council.....										
Iron, all other, Free as per Order in Council.....		360						360	360	
Iron Ore, having paid full toll on the Chambly Canal, Free Kryolite, Free.....		2,301						2,414	2,414	
Grand Total Freight.....	122,398	580,140	4,985		1,189	42,809	209,037	632,449	841,486	
Total Tolls on Vessels.....										14,585 93
do Passengers.....										2,783 57
do Free Goods.....										683 00
Fines and Damages.....										8,552 86
Wharfage and Storage.....										739 07
Winterage, Basin Dues and other Receipts.....										72,007 94
Total Revenue, exclusive of Hydraulic Rents.....										

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Burlington Bay Canal, and the amount of Revenue collected during the Season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....		265		480							745	745
Apples.....		330									330	330
Agricultural Products not enumerated, Vegetable.....	18	8							18	8	26	26
Agricultural Products not enumerated, Animal.....	26	9					30		56	9	65	65
Agricultural Implements.....	3	74							3	74	77	77
Barley.....	207	171		1,768					207	1,939	2,146	2,146
Bricks.....	14	30					65		109		109	109
Bones.....		69							60	69	129	129
Beer.....	19	11							19	11	30	30
Brimstone, Crude.....												
Cement and Water Lime.....	21						57		78		78	78
Clay, Lime and Sand.....	3						787		790		790	790
Coal.....	582	771					51,469		52,051	771	52,822	52,822
Corn.....												
Cattle.....	1	1							1	1	2	2
Cotton, Raw.....												
Coffee.....	4						25		29		29	29
Grocery.....	79	2							79	2	81	81
Dye Wood and Dye Stuffs.....	2								14		14	14
Earthenware.....	263								260		260	260
Fish.....	254						2		256		256	256
Flax and Hemp.....												
Flour.....		1,278							1,278		1,278	1,278
Furniture.....	15	6							15	6	21	21
Gypsum.....												
Glass, Window.....	61	5							65	5	70	70
Glassware.....	397	269					4		401	269	670	670



SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported through the Burlington Bay Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting .....	24								24		24	
Wool .....	26	21							26	21	47	
All other Goods and Merchandise not enumerated .....	3,244	1,707	1	5			335		3,580	1,712	5,292	
Bark .....												
Barrels, empty .....	33								33		33	
Boat Knees .....												
Floats .....												
Fire Wood, in vessels .....	282								282		282	
do in rafts .....												
Hoops .....												
Hop Poles .....												
Lumber, saws, in vessels .....	476			987					476	987	1,463	
do .....												
Masts, Spars and Telegraph Poles, in vessels .....		250								250	250	
Masts, Spars and Telegraph Poles, in rafts .....												
Railway Ties, in vessels .....												
do in rafts .....												
Saw Logs .....												
Staves and Headings, barrels .....												
do do .....		432								432	432	
do do .....		208								208	208	
Staves, salt barrel .....												
Shingles .....												
Split Posts and Fence Rails, in vessels .....				233						233	233	
Split Posts and Fence Rails, in rafts .....												



Timber, square, in vessels.....	2,560	2,560	2,560	2,560
do in rafts.....	8,140	8,140	8,140	8,140
Traverses.....	13	13	13	13
Woodenware and Wood partly manufactured.....	75	75	75	88
Total Freight, free, per Order in Council.....	18,064	66	4,854	25,138
	20,281	57,530	75,660	100,798
Total Tolls on Vessels.....				3,832 17

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue collected during the Season of Navigation in 1877

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....		95								95	95	\$ cts. 16 15
Apples .....		25								25	25	1 67
Agricultural Products not enumerated—Vegetable.....	13											
Agricultural Products not enumerated—Animal.....	1								13	71	84	5 74
Agricultural Implements.....	2			100					1	480	481	48 54
Barley .....		741							2	12	14	1 30
Bricks .....	11								741	84	741	50 82
Bones.....		83							11	83	95	2 38
Baggage .....	20	116							20	116	136	15 02
Beet .....	39								39		39	11 85
Brimstone, Crude.....												1 95
Cement and Water Lime.....	4	1,351							4	1,351	1,355	126 16
Clay, Lime and Sand .....		5,452								5,452	5,452	217 24
Coal .....												
Corn .....	1	437							1	437	438	29 37
Cattle .....												
Cotton, Raw.....												
Coffee.....												
Crockery.....												
Dye Wood and Dye Stuffs.....												
Earthenware .....												
Fish .....	1	2							1	2	3	0 17
Flax and Hemp.....												
Flour.....	52	40							52	40	92	5 26
Furniture .....	5	57							5	57	62	9 26
Gypsum .....												
Glass, Window .....												
Glassware .....											1	0 10

Hay, Pressed.....	50	50	50	50	1 50
Hogs.....	56	56	56	56	3 86
Horses.....	206	206	206	234	14 18
Hides and Skins, Horns and Hoofs.....	31	31	31	31	2 60
Ice.....	2	2	22	22	0 64
Iron, Railway.....	63	53	53	53	4 81
do Pig.....	159	159	164	164	14 49
do All other.....	112	112	112	112	5 60
do Ore.....	569	569	569	569	31 00
Kryolite or Chemical Ore, and other Ore, except Iron.....	1,098	1,098	1,098	1,098	101 33
Lead and Lard Oil.....	1	1	1	1	0 10
Meats, all kinds.....	2	2	2	2	0 38
Meats, other than Pork.....	898	898	898	898	0 20
Marble.....	5	5	5	5	64 53
Manilla.....	4,799	4,799	4,799	4,799	0 60
Molasses.....	336	336	336	336	316 29
Nails.....	33	33	34	34	2 38
Oats.....	50	50	50	50	9 43
Oil, in Barrels.....	19	19	19	19	2 69
Oil Cake.....	35	35	35	35	3 24
Oil Cane.....	2,888	2,888	2,888	2,888	287 17
Pease.....	1	1	1	1	0 07
Potatoes.....	18	18	18	18	1 25
Pork.....	239	239	239	239	16 37
Paint.....	6	6	6	6	0 40
Pitch and Tar.....	14	14	14	14	0 80
Rags.....	1	1	1	1	0 07
Eye.....	1	1	1	1	0 05
Rosin.....	102	102	102	102	9 16
Salt.....	do	do	do	do	do
Stone intended for cutting.....	do	do	do	do	do
do wrought.....	do	do	do	do	do
do not suitable for cutting, unwrought.....	do	do	do	do	do
Seeds, all kinds.....	18	18	18	18	1 25
Sheep.....	239	239	239	239	16 37
Soda Ash.....	7	7	7	7	0 40
Steel.....	15	15	15	15	0 80
Sugar.....	1	1	1	1	0 07
Spirits.....	1	1	1	1	0 05
Tobacco, Raw.....	1	1	1	1	0 66
Tallow.....	1	1	1	1	9 16
Tin.....	1	1	1	1	0 05
Turpentine.....	1	1	1	1	0 66
Vinegar.....	102	102	102	102	9 16
Wheat.....	do	do	do	do	do
White Lead.....	do	do	do	do	do

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported through the Ottawa Canals, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting .....												
Wool .....		3									3	0 21
All other Goods and Merchandise not enumerated .....	469	287							469	287	756	50 53
Barrel .....	1	101							1	101	102	14 09
Barrels, Empty .....												
Boat Knees .....		2,849								2,849	2,849	30 57
Floats .....	45	106,589		891					45	107,490	107,535	3,539 86
Fire Wood, in vessels .....		389								389	399	3 99
do in rafts .....		29								29	29	2 90
Hoops .....		769								769	769	29 90
Hop Poles .....	81	143,856		181,327					81	325,183	325,264	30,636 17
Lumber, sawn, in vessels .....		21,938								21,938	21,938	640 46
do do rafts .....												
Masts, Spars and Telegraph Poles, in Vessels .....												
Masts, Spars and Telegraph Poles, in Rafts .....												
Railway Ties, in vessels .....												
do rafts .....												
Saw Logs .....		901								901	901	24 50
Staves and Headings, Barrel do do Pipe .....		21								21	21	3 60
do do West India .....												
Staves, Salt Barrel .....												
Shingles .....		100								100	100	27 95
Split Posts and Fence Rails, in vessels .....												
Split Posts and Fence Rails, in rafts .....												

Timber, square, in vessels.....					4,879	4,879	99 58
do in rafts.....					922	922	0 02
Traverses .....							
Woodenware and Wood partly manufactured .....					56	56	15 30
Total Freight paying tolls..	828	304,417	182,318	828	486,735	487,563	36,565 82
Coal and Stone, free, per Order in Council .....	88			88		88	
Grand Total Freight.....	916	304,417	182,318	916	486,735	487,651	

Total Tolls on Vessels.....	4,719 81
do Passengers .....	428 32
do Free Coal and Stone.....	\$4 84
do Wharfe and Storage .....	5 22
do Piles and Damages .....	5 00
do Other Receipts .....	8 00
Total Revenue, exclusive of Hydraulic Rents.....	41,732 17

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the amount of Revenue collected, during the Season of Navigation in 1877

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....												\$ cts.
Apples.....		158		1,126				1,313	1,125	1,471	1,126	112 60
Agricultural Products not enumerated, Vegetable.....	726								726	274	1,000	140 40
Agricultural Products not enumerated, Animal.....	43								43	72	115	3 30
Agricultural Implements.....	2								2		2	0 20
Barley.....	446			1,498					1,498	446	1,944	124 47
Bricks.....	1,138						166		1,138	166	1,304	71 22
Bones.....				1,097					1,097	2	1,097	109 70
Baggage.....	2										2	0 20
Beer.....												
Brimstone, Crude.....												
Cement and Water Lime.....												
Clay, Lime and Sand.....	35			115					150	2,263	2,413	222 34
Coal.....							2,179		102,509	102,509	102,509	10,220 79
Corn.....												
Cattle.....		171								171	171	5 84
Cotton, Raw.....								4		7	7	0 70
Coffee.....		3										
Crockery.....												
Dye Wood and Dye Stuffs.....												
Kitchenware.....								78		78	78	7 80
Fish.....				10					10		10	1 00
Flax and Hemp.....								6		6	6	0 60
Flour.....	358							11	358	29	387	15 85
Furniture.....		2						1		3	3	0 27
Gypsum.....	50								50		50	1 68
Glass, Window.....												
Glassware.....												

	1,281	144	1,136	2,417	144	2,561	88
Hay, Pressed.....	5	102	64	11	102	107	3 71
Hogs.....							
Hides and Skins, Horns and Hoofs.....							
Ice.....	67			1,445	1,445	1,512	146 74
Iron, Railway.....				11	11	19	3 55
do Pig.....	1		8	4,053	4,053	4,054	522 44
do all other.....				7,395	7,395	7,395	369 75
Iron Ore.....							
Kryolite or Chemical Ore, and other Ore, except Iron.....			254			254	12 70
Lard and Lard Oil.....	11	96	50	5	96	157	8 90
Meals, all kinds.....				32	32	5	0 50
Meats, other than Pork.....						32	3 20
Marble.....							
Manilla.....	5						
Molasses.....							
Nails.....	151	1,824		2,908	2,908	2,913	291 30
Oats.....	1			211	1,824	1,975	108 93
Oil, in Barrels.....						212	21 17
Oil Cake.....							
Pease.....		2,443				2,443	81 51
Potatoes.....		9	122	4	9	131	13 10
Pork.....						4	0 40
Paint.....	2	1		33	34	34	3 40
Pitch and Tar.....				1,157	1,157	1,159	115 90
Rags.....		1		95	96	96	9 60
Rye.....							
Rosin.....	907			1,459	1,459	1,459	145 90
Salt.....				262	262	1,169	107 30
Stone intended for Cutting.....				1,822	1,822	1,822	182 20
do Wrought.....	13			22	22	35	6 09
do not suitable for Cutting, Unwrought.....							
Seeds, all kinds.....		237				245	8 71
Sheep.....	8						
Soda Ash.....							
Steel.....							
Sugar.....	1			96	96	97	9 70
Spirits.....							
Tobacco, Raw.....				5	5	5	0 50
Tallow.....							
Tin.....							
Turpentine.....						657	65 70
Vinegar.....							
Wheat.....							
White Lead.....							

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported through the Chambly Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....								161			161	10 77
Wool.....												
All other Goods and Merchandise not enumerated.....	1,363	426					1,397		2,089	1,824	3,913	380 21
Bark.....												
Barrels, Empty.....		92								92	92	13 51
Boat Knees.....												
Floats.....			1,200						1,200		1,200	72 00
Firewood, in vessels.....	42	705					390		42	1,095	1,137	26 06
do in rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, sawn, in vessels.....												
do in rafts.....			34,599						37,415		37,415	2,178 04
Masts, Spars and Telegraph Poles, in vessels.....												
Masts Spars and Telegraph Poles, in rafts.....												
Railway Ties, in vessels.....												
do in rafts.....												
Saw Logs.....												
Staves and Headings, Barrel.....												
do do W India.....												
Staves, Salt Barrel.....	19	1							19	1	20	3 32
Shingles.....												
Split Posts and Fence Rails, in vessels.....												
Split Posts and Fence Rails, in rafts.....	12								12	1	13	0 95



	10'	35	10'	35	10'	35	10'	35
Timber, square, in vessels.....								
do in rafts.....								
Traverses.....		35						0 70
Woodenware and Wood partly manufactured.....								
Total Freight paying Tolls Coal and Stone, Free, per Or- der in Council.....	9,067	7,311	42,040	7,407	122,493	51,107	137,211	16,172 35
Grand Total Freight.....	9,187	7,311	42,040	7,407	131,768	51,227	146,476	197,703
<p>Total Tolls on Vessels.....</p> <p>do Passengers.....</p> <p>do Free Coal and Stone.....</p> <p>Fines and Damages.....</p> <p>Total Revenue, exclusive of Hydraulic Rents.....</p>								
								2,722 25
								96 37
								\$934 50
								10 00
								19,000 97

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported through the Rideau Canal and the Amount of Revenue collected, during the Season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	3	58							3	58	61	12 23
Apples.....	27	4							27	4	31	0 79
Agricultural Products, not enumerated, Vegetable, .....	160	153							160	153	313	30 77
Agricultural Products, not enumerated, Animal.....	338	860							338	860	1,198	76 94
Agricultural Implements.....	1	66							1	66	67	8 06
Barley.....	4								4		4	0 18
Bricks.....	172	17							172	17	189	4 74
Bones.....		71								71	8	11 18
Baggage.....	16	8							16	8	19	0 88
Beer.....		3								3		1 67
Brimstone, Crude.....												
Cement and Water Lime.....	76	194							76	194	270	19 52
Clay, Lime and Sand.....	44	126							44	126	170	4 28
Coal.....	1	2,343							1	2,343	2,344	110 98
Iron.....	90	342							90	342	432	12 79
Cattle.....												
Cotton, Raw.....												
Coffee.....	9	1							9	1	10	0 09
Crockery.....												
Dye Wood and Dye Stuffs.....	32	7							32	7	39	3 47
Earthenware.....	305	21							305	21	326	8 23
Fish.....												
Flax and Hemp.....	98	164							98	164	262	7 09
Flour.....	22	46							22	46	68	6 05
Furniture.....	53	24							53	24	77	1 96
Gypsum.....	27								27		27	2 39
Glass, Window.....	3								3		3	0 27
Glassware.....												



SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported through the Rideau Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Whiting.....	2								2		2	0 18
Wool.....	16	2							16	2	18	0 48
All other Goods and Merchandise, not enumerated.....	608	385							608	385	993	99 27
Bark.....	179	37							179	37	216	5 48
Barrels, Empty.....	30	17							30	17	47	2 46
Boat Knees.....	3,135	1,280							3,135	1,280	4,415	100 80
Floats.....	55,635	7,647							55,635	7,647	63,282	1,186 05
Firewood, in vessels.....	234	84							234	84	318	6 64
do in rafts.....												
Hoops.....	1,559								1,559		1,559	121 50
Hop Poles.....	10,302	3,470							10,302	3,470	13,772	604 53
Lumber, sawn, in vessels.....	12	44							12	44	56	2 08
do do rafts.....												
Masts, Spars and Telegraph Poles, in vessels.....												
Masts, Spars and Telegraph Poles, in rafts.....	2,833								2,833		2,833	179 30
Railway Ties, in vessels.....	1,542	1,175							1,542	1,175	2,717	70 23
do rafts.....		388								388	388	15 75
Saw Logs.....												
Staves and Headings, Barrel.....												
do Pipe.....												
do West India.....												
Staves, Sait Barrel.....	75	1							75	1	76	21 38
Shingles.....												
Split Posts and Fence Rails, in vessels.....	156	1							156	1	157	21 84
Split Posts and Fence Rails, in rafts.....											1	0 07

	60	2	60	2	62	1 13
Timber, square, in vessels.....	620	167	620	167	787	65 09
do rafts.....	3,120	3,370	3,120	3,370	6,490	61 20
Traverses.....	63	146	63	146	209	29 90
Woodenware and Wood, partly manufactured.....	88,017	24,325	88,017	24,325	112,342	3,284 26
Total Freight paying tolls..	1,700	24	1,700	24	1,724	
Coal, free, per Order in Council.....	89,717	24,349	89,717	24,349	114,066	
Grand Total Freight.....						
<p>Total Tolls on Vessels..... 1,530 67</p> <p>do Passengers..... 75 54</p> <p>Fines and Damages..... 10 00</p> <p>Wharfage and Storage..... 68 40</p> <p>Other Receipts..... 167 00</p> <p>Free Coal..... \$46 60</p> <p>Total Revenue, exclusive of Hydraulic Rents..... \$5,135 87</p>						

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.



SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 31.—GENERAL STATEMENT showing the Quantity of each Article transported through the Newcastle District Canals, and the Amount of Revenue collected during the Season of Navigation in 1877.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.	Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
Bark											
Firewood (in Vessels)	7,524								7,524	127 41	
Floats	80								80	1 50	
Lumber, sawn, (in Vessels)	5,721								5,721	34 16	
Railway Ties.	157								157	6 50	
Saw Logs	11,693								11,693	34 91	
Shingles	124								124	7 75	
Split Posts, &c											
Timber, square	1,268								1,268	14 25	
Traverses											
Iron Ore	483								483	4 83	
Stone, unwrought	105								105	0 60	
<b>Total Freight paying Tolls</b>	<b>27,155</b>								<b>27,155</b>	<b>231 91</b>	
<b>Total Tolls on Vessels</b> .....											<b>82 00</b>
<b>Other Receipts</b> .....											<b>0 13</b>
<b>Total Revenue exclusive of Hydraulic Rents</b> .....											<b>\$314 04</b>

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

## SUPPLEMENTARY

## No. (A) 32.—STATEMENT of Traffic on the Undermentioned Canals, and

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian Vessels, steam.....	193,557	3,124 39	752,765	5,012 09	72,779	324 60
United States Vessels, steam	164,032	2,928 52	27,053	175 53	102	1 49
Canadian Vessels, sail.....	561,154	11,321 37	758,595	8,271 17	71,283	1,120 99
United States Vessels, sail..	425,061	9,500 05	100,249	1,127 14	89,827	1,275 17
Total, Class No. 1.....	1,343,804	26,874 33	1,638,662	14,585 93	233,991	2,722 25
<i>Class No. 2.</i>	No.		No.		No.	
Passengers .....	10,360	445 57	58,817	2,783 57	4,687	96 37
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	586	99 50	3,951	240 67	1,304	71 22
Brimstone.....	12	4 80				
Cement and Water Lime....	269	48 63	3,276	391 42		
Olay, Lime and Sand.....	1,451	168 88	7,565	362 32	2,413	222 34
Coal.....	323,869	62,957 12	29,941	4,003 00	102,509	10,220 79
Fish.....	1,096	219 20	2,376	271 76	10	1 00
Gypsum .....	1,309	154 43	2,257	115 26	50	1 68
Iron, Railway.....	9,630	1,917 25	11,668	1,633 70	1,512	146 74
do Pig .....	1,929	327 20	8,130	789 43	19	3 65
do All other.....	7,767	1,547 36	8,836	1,051 35	4,054	522 44
Salt.....	9,193	1,835 61	9,586	1,138 36	1,169	107 30
Stone, for cutting.....	4,194	816 38	352	34 41	1,822	182 20
Apples.....	651	27 63	5,126	742 05	1,471	140 40
Barley .....	19,870	3,873 65	18,004	1,999 83	1,914	124 47
Corn.....	169,196	33,838 45	36,083	4,619 30		
Cotton, Raw.....			96	7 16		
Flax and Hemp.....	1,217	243 40	53	2 34	6	0 60
Flour.....	13,558	1,113 78	11,514	1,437 03	387	15 85
Hay, Pressed.....	50	10 00	1,109	90 11	2,561	162 88
Meals, all kinds.....	742	80 15	1,485	125 57	157	8 90
Oil Cake.....	1	0 20	31	0 34		
Oats .....	2,810	560 75	5,790	313 37	1,975	108 93
Pease.....	473	83 80	25,745	1,979 31	2,443	81 51
Potatoes.....	489	65 27	980	125 82	131	13 10
Rye.....	2,439	481 85	631	94 43		
Seeds, all kinds.....	209	40 48	40	4 68		
Tobacco, Raw.....	43	8 43	41	4 83	5	0 50
Wheat.....	253,952	49,609 93	74,010	8,930 95		
All other Agricultural Pro- ducts, Vegetable.....	311	62 20	2,190	271 13	1,000	33 79
Bones.....			666	76 19	1,097	109 70
Cattle.....	11	2 20	1,098	76 73	171	5 84
Hogs.....			123	10 33		
Hides and Skins, Horns and Hoofs.....	129	22 14	307	37 86	75	7 50
Horses.....	70	14 00	459	36 14	107	3 71
Lard and Lard Oil.....	62	12 40	160	18 51		
Meats, other than Pork.....	45	9 00	124	15 79	5	0 50
Pork.....	303	60 60	743	70 32	4	0 40
Sheep.....	1	20	470	33 18	245	8 71
Tallow.....	123	24 60	62	8 39		



APPENDIX A.—Continued.

the Amount of Tolls collected during the Season of Navigation in 1877.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
261,109	3,033 63	214,000	746 21	45,587	444 66			4,475	60 00
67,619	676 19				10			4,202	22 00
106	2 12	176,847	2,413 20	112,790	1,027 34				
12,023	120 23	72,093	1,560 40	6,558	58 17				
340,857	3,832 17	462,940	4,719 81	164,945	1,530 67			8,677	82 00
No.		No.		No.		No.		No.	
30,535		36,446	428 32	3,109	75 54				
Tons.		Tons.		Tons.		Tons.		Tons.	
109		95	2 38	189	4 74				
78		1,355	126 16	270	19 52				
790		5,452	217 24	170	4 28				
52,822				2,344	110 98				
256		3	0 17	326	8 23				
6,016		22	0 64	77	1 96				
3,631		53	4 81	11	0 28				
1,587		164	14 49	143	4 36				
340				816	25 41				
1,677		2,888	267 17	1,514	40 50				
330		25	1 67	205	5 16				
2,146		741	50 82	31	0 79				
				4	0 18				
				432	12 79				
1,278		92	5 26	262	7 09				
12		50	1 50						
3		1,098	101 33	243	7 51				
		898	64 53	109	3 19				
1,348		4,799	316 29	29	2 29				
54		336	23 29	30	1 04				
243		35	3 24	269	7 89				
3		18	1 25	7	0 31				
37				17	0 79				
2,128		102	9 16	210	6 06				
26		84	5 74	313	30 77				
		83	15 02	71	11 18				
2		438	29 37						
1		56	3 86						
42		31	2 60	29	0 83				
74		234	14 18	1	0 02				
11				23	0 61				
12				11	0 36				
82		34	2 38	23	0 77				
		239	16 37						
1		1	0 07	5	0 32				

## SUPPLEMENTARY

No. (A) 32.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 3.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Wool.....	221	44 20	86	7 44	161	10 77
All other Agricultural Pro- ducts, Animal.....	237	27 40	1,161	115 42	115	3 90
Total, Class No. 3.....	828,519	160,413 07	276,297	31,286 22	128,922	12,321 22
<i>Class No. 4.</i>						
Ashes, Pot and Pearl.....	464	44 55	1,291	221 75	1,126	112 60
Agricultural Implements.....	266	105 40	217	17 78	2	0 20
Baggage.....	8	3 20	918	143 59	2	0 20
Beer.....	65	25 90	249	28 10		
Coffee.....	56	22 05	18	2 05	7	0 70
Crockery.....	36	14 40	777	153 11		
Dye Woods and Dye Stuffs..	726	288 65	81	4 86	78	7 80
Earthenware.....	66	26 05	482	92 68		
Furniture.....	131	51 85	245	26 18	3	0 27
Glassware.....	123	49 20	513	96 64		
Glass, Window.....	58	21 45	1,033	198 77		
Marble.....	1,902	760 80	118	18 65	32	3 20
Manilla.....	534	211 85	76	15 28		
Molasses.....	1,522	6C7 75	3,744	246 89	2,913	291 30
Nails.....	355	138 20	3,734	802 02		
Oil, in Barrels.....	3,531	1,408 70	1,990	296 51	212	21 17
Paint.....	328	131 20	302	52 57	34	3 40
Pitch and Tar.....	3	1 20	1,335	79 86	1,159	115 90
Rags.....	1,097	390 60	867	101 91	96	9 60
Rosin.....	58	10 05	1,457	88 68	1,459	145 90
Soda Ash.....	466	166 80	849	137 17		
Steel.....	34	9 75	70	13 93		
Sugar.....	2,719	1,075 50	2,126	350 81	97	9 70
Stone, Wrought.....	727	286 40	189	34 25	35	6 09
Tin.....	745	297 30	518	104 64		
Turpentine.....			648	33 15	657	65 70
Vinegar.....	7	1 75	274	53 24		
White Lead.....	101	40 40	76	14 65		
Whiting.....	6	2 40	148	29 98		
Whiskey and all other Spirits	359	133 45	801	135 63		
Merchandise, not enumerated	9,702	3,645 85	12,610	1,787 07	3,913	380 21
Total, Class No. 4.....	26,195	9,972 65	37,756	5,382 40	11,825	1,173 94
<i>Class No. 5.</i>						
Bark.....	40	4 00	20	0 75		
Barrels, Empty.....	748	140 22	477	81 82	92	13 51
Boat Knees.....			116	2 40		
Floats.....			4,880	85 44	1,200	72 00
Fire Wood, in Vessels.....	57,216	2,679 37	46,332	1,188 10	1,137	26 05
do in Rafts.....	120	7 00				
Lumber, Sawed, in Vessels...	65,202	10,350 26	56,554	3,687 94	37,415	2,178 04
do in Rafts.....			17,544	789 47		

APPENDIX A.—Continued

Canals, and the Amount of Tolls collected, &c.—Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
47		3	0 21	18	0 48				
65		481	48 54	1,198	76 94				
75,251		19,910	1,349 74	9,400	397 63				
745		95	16 15	61	12 23				
77		14	1 30	67	8 06				
129		136	11 65	8	0 88				
30		39	1 95	19	1 67				
29				1	0 09				
81				10	0 99				
14									
260				39	3 47				
21		62	9 26	68	6 05				
670		1	0 10	3	0 27				
70				27	2 39				
90				1	0 09				
7		1	0 10	12	1 07				
402		2	0 38	109	9 99				
1,563		4	0 20	219	20 04				
219		5	0 60	123	13 62				
75				3	0 35				
11		51	9 43	67	5 89				
24		19	2 69	27	7 43				
288				13	1 14				
166				24	2 10				
				2	0 18				
866		7	0 40	301	28 37				
				25	3 27				
55				14	1 42				
22									
364		1	0 05	6	0 53				
37				1	0 09				
24				2	0 18				
207		15	0 80	104	9 37				
5,292		756	50 53	993	99 27				
11,838		1,208	105 69	2,349	240 50				
				216	5 48				
33		102	14 09	47	2 46				
		2,849	30 67	4,415	100 80			80	1 50
282		107,535	3,539 86	63,282	1,186 05			7,524	127 41
		399	3 99	318	6 64				
1,463		325,264	30,636 17	13,772	604 53			5,721	34 16
		21,938	640 46	56	2 08				

## SUPPLEMENTARY

## No. (A) 32.—STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5.—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Hoops .....	144	36 00	110	11 50		
Railway Ties, in Vessels .....						
do in Rafts .....			200	20 00		
Masts, Spars and Telegraph Poles, in Vessels .....			52	2 60		
Masts, Spars and Telegraph Poles, in Rafts .....			6,362	174 05		
Square Timber, in Vessels .....	109,781	16,441 92	4,453	219 75	10	0 17
do in Rafts .....	1,972	405 34	14,281	457 35		
Woodenware and Wood partly manufactured .....	404	132 20	561	184 95		
Shingles .....	228	93 87	22	4 12	20	3 32
Split Posts and Fence Rails, in Vessels .....			3	0 30	13	0 95
Split Posts and Fence Rails, in Rafts .....						
Saw Logs .....	7,285	274 21	9,780	223 52		
Staves and Headings, Barrel do do Pipe ..	63	10 00	613	42 25		
do do W. India	7,308	1,372 01	888	111 00		
do do Salt Brl.	3,740	722 22	1,584	228 60		
Traverses .....			9,100	23 68	35	0 70
Hop Poles .....	534	64 09	751	67 50		
Total, Class No. 5.....	254,785	32,732 62	174,683	7,607 09	39,922	2,294 74
<i>Special Class.</i>						
Kryolite or Chemical Ore .....			2,193	109 65	254	12 70
Iron Ore .....	34,703	1,735 15	3,040	152 00	7,395	369 75
Stone unwrought, not suitable for cutting .....	19,158	1,030 76	3,567	126 15		
Ice .....						
Total Special Class .....	53,861	2,765 91	8,800	387 80	7,649	382 45
Total Freight and Tolls.....	1,163,360	233,204 15	497,536	62,033 01	188,318	18,990 97
Timber and other Wood, Free						
Wheat, Corn, Flour, Iron, Salt, Coal, &c., Free .....	12,038	1,196 85	343,950	41,670 37	9,385	934 50
Grand Totals, Passengers and Tonnage of Vessels not included .....	1,175,398	234,401 00	841,486	103,703 38	197,703	19,925 47

NOTE—St. Peter's Canal being closed for enlargement.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

APPENDIX A.—Continued.

Canals, and the Amount of Tolls collected, &c —Continued.

Burlington Bay Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts		\$ cts.		\$ sts.		\$ cts.		\$ cts.
		29	2 90						
				2,833	179 30			157	6 50
				9	0 75				
250									
2,580				62	1 13			1,268	14 25
8,140		4,879	99 58	787	55 09				
88		56	15 30	209	29 90				
233		109	27 95	76	21 38			124	7 75
				157	21 84				
				1	0 07				
		901	24 50	2,717	70 23			11,693	34 91
		21	3 60	388	15 75				
432									
208									
		922	5 02	6,490	61 20				
		769	29 90	1,559	121 50				
13,709		465,764	35,073 89	97,394	2,486 18			26,567	226 48
		569	31 00	2,949	147 45				
		112	5 60	250	12 50			483	4 83
								105	0 60
		631	36 60	3,199	159 95			588	5 43
100,798	3,832 17	487,563	41,713 95	112,342	4,890 47			27,155	313 91
		88	4 84	1,721	46 60				
100,798	3,832 17	487,651	41,718 79	114,066	4,937 07			27,155	313 91

no business has been done on it during this year.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 34.—STATEMENT showing the Amount of Tolls accrued each Month during the Season of Navigation ended December, 1877.

Canals and Offices.	April.		May.		June.		July.		August.		September.		October.		November.		December.		Totals.	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
<b>WELLAND CANAL.</b>																				
Chippawa.....	0	25	3	10	23	05	12	17	26	51	2	00	25	99	28	04	1	25	122	36
Colborne.....	4,329	44	21,725	94	22,007	69	21,428	28	24,164	19	28,026	84	21,157	32	17,660	33	743	47	161,243	50
Dalhousie.....	2,420	55	10,333	71	9,062	36	9,535	23	7,634	71	9,065	57	9,761	85	7,988	90	127	85	66,933	73
Dunnville.....	31	70	100	39	34	19	0	75	0	75	29	79	72	82	183	81	.....	.....	454	20
Maitland.....	114	14	238	93	151	76	204	68	184	93	222	43	131	50	222	10	28	26	1,498	73
Robinson.....	278	48	288	60	291	91	135	88	184	72	229	89	287	97	186	84	102	09	1,986	38
St. Catharines.....	148	87	269	70	334	39	400	20	288	33	165	93	178	49	171	58	7	76	1,963	25
<b>Total, Welland Canal...</b>	<b>7,323</b>	<b>43</b>	<b>32,960</b>	<b>37</b>	<b>31,905</b>	<b>35</b>	<b>31,717</b>	<b>19</b>	<b>32,484</b>	<b>14</b>	<b>37,742</b>	<b>45</b>	<b>31,618</b>	<b>94</b>	<b>26,441</b>	<b>60</b>	<b>1,010</b>	<b>68</b>	<b>233,204</b>	<b>15</b>
<b>ST. LAWRENCE CANALS.</b>																				
Beauharnois.....	.....	.....	211	08	239	07	223	91	211	96	380	09	882	70	408	76	.....	.....	2,557	57
Cornwall.....	.....	.....	1,755	28	2,818	32	1,554	90	1,005	13	1,668	33	2,866	85	2,935	29	2	55	15,606	65
Edwardsburg.....	.....	.....	147	51	39	88	67	97	51	58	56	98	40	19	157	80	8	95	570	86
Kingston.....	.....	.....	2,328	64	2,080	13	1,394	18	1,656	19	3,451	82	3,655	69	940	23	.....	.....	15,506	88
Lachine.....	.....	.....	262	23	268	73	323	40	660	01	824	61	384	19	215	05	.....	.....	2,938	22
Montreal.....	.....	.....	2,862	05	3,884	51	3,553	73	3,728	32	3,488	53	4,506	87	2,804	18	24	64	24,852	83
<b>Total, St. Lawrence Canals</b>	<b>.....</b>	<b>.....</b>	<b>7,566</b>	<b>79</b>	<b>9,330</b>	<b>64</b>	<b>7,118</b>	<b>09</b>	<b>7,313</b>	<b>19</b>	<b>9,870</b>	<b>36</b>	<b>13,336</b>	<b>49</b>	<b>7,461</b>	<b>31</b>	<b>36</b>	<b>14</b>	<b>62,033</b>	<b>01</b>
<b>CHAMBLEY CANAL.</b>																				
Chambley.....	.....	.....	477	51	552	41	433	43	494	28	294	93	666	42	548	58	.....	.....	3,467	56
St. John's.....	.....	.....	2,479	81	2,057	45	2,804	95	1,880	95	1,982	41	2,522	21	1,125	75	.....	.....	14,853	53
St. Urs.....	.....	.....	84	03	114	02	75	53	66	15	61	84	128	43	106	33	.....	.....	689	88
<b>Total, Chambley Canal...</b>	<b>33</b>	<b>55</b>	<b>3,041</b>	<b>35</b>	<b>2,723</b>	<b>88</b>	<b>3,313</b>	<b>91</b>	<b>2,441</b>	<b>38</b>	<b>2,338</b>	<b>18</b>	<b>3,317</b>	<b>06</b>	<b>1,780</b>	<b>66</b>	.....	.....	<b>18,990</b>	<b>97</b>

	82 97	525 62	624 41	639 32	614 81	559 56	463 13	310 54	11 81	3,832 17
<b>BURLINGTON EAY CANAL.</b>										
Hamilton .....										
<b>OTTAWA CANALS.</b>										
Ottawa .....		2,885 42	5,466 44	3,600 11	4,601 13	2,806 30	2,740 51	1,066 83		23,166 74
Carillon .....	2 97	42 82	74 16	93 36	94 61	168 94	157 93	93 42		728 21
Grenville .....		2,267 08	2,887 57	2,503 51	2,188 71	2,160 72	1,966 16	1,286 11		15,059 86
St. Ann's .....	17 00	216 89	290 54	469 67	515 20	454 08	480 57	314 77	0 42	2,759 14
Total, Ottawa Canals.....	19 97	5,412 21	8,518 71	6,666 65	7,399 65	5,590 04	5,345 17	2,761 13	0 42	41,713 95
<b>RIDEAU CANAL.</b>										
Kingston Mills .....	2 75	375 06	467 73	414 26	376 00	322 66	281 03	96 31	1 55	2,337 35
Ottawa .....		277 14	235 23	286 32	486 31	236 79	239 54	222 09	10 33	2,003 75
Smith's Falls .....		116 58	124 34	69 16	80 96	72 32	63 13	22 88		549 37
Total, Rideau Canal.....	2 75	768 78	827 30	769 74	953 27	631 77	583 70	341 28	11 88	4,890 47
<b>ST. PETER'S CANAL.</b>										
St. Peter's .....										
<b>NEWCASTLE DISTRICT CANALS.</b>										
Bobcaygeon .....		16 82	74 92	28 58	21 95	40 00	4 76			187 03
Peterborough .....	3 50	32 50	1 50		1 50					39 00
Hastings .....			1 00		32 15	23 33	9 05	22 35		87 88
Total, Newcastle District Canals.....	3 50	49 32	77 42	28 58	55 60	63 33	13 81	22 35		313 91
<b>Grand Total.....</b>	7,466 17	50,324 44	54,007 71	50,253 48	51,262 04	56,796 69	54,678 30	39,118 87	1,070 93	364,978 63

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 35.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals during the Season of Navigation ended 31st December, 1877, and the Tolls collected thereon.

VESSELS.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ est.	
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
<b>WELLAND CANAL.</b>														
Canadian Vessels, steam.....	628	65,545	33,482	34,241	797	.....	.....	.....	1,166	58,326	100,952	92,805	193,557	3,124 39
do sail.....	2,528	139,310	74,456	137,467	3,751	1,789	345	.....	5,800	198,236	284,366	276,788	561,154	11,321 37
Total Canadian.....	3,156	204,855	107,938	171,708	4,548	1,789	345	.....	6,966	256,562	385,318	369,593	754,711	14,445 76
United States Vessels, steam.....	481	.....	63	24	1,100	81,308	78,724	902	1,911	.....	82,234	81,798	164,032	2,928 52
do sail.....	1,492	1,078	298	20,403	1,757	186,806	106,404	1,876	106,439	.....	210,163	214,898	425,061	9,500 05
Total United States.....	1,973	1,078	361	20,427	2,857	268,114	185,128	2,778	108,350	.....	292,397	296,696	589,093	12,428 57
Grand Total, Welland Canal.	5,129	205,933	108,299	192,135	7,405	269,903	185,473	9,744	364,912	.....	677,715	666,089	1,343,804	26,874 33
<b>ST. LAWRENCE CANALS.</b>														
Canadian Vessels, steam.....	3,219	448,657	285,133	4,665	.....	9	.....	.....	153	14,148	453,484	299,281	752,765	5,012 09
do sail.....	5,077	434,459	314,830	2,344	30	.....	.....	.....	489	6,443	437,292	321,303	758,595	8,271 17
Total Canadian.....	8,296	883,116	599,963	7,009	30	9	.....	.....	642	20,591	890,776	620,584	1,511,360	13,283 26
United States Vessels, steam.....	556	129	221	4,918	293	7,411	7,704	370	6,007	.....	12,828	14,225	27,053	175 53
do sail.....	1,064	3,200	4,610	12,032	8,139	562	1,375	60,992	9,339	.....	76,786	23,463	100,249	1,127 14
Total United States.....	1,620	3,329	4,831	16,950	8,432	7,973	9,079	61,362	15,346	.....	89,614	37,688	127,302	1,302 67
Grand Total, St. Lawrence Canals.....	9,916	886,445	604,794	23,959	8,462	7,982	9,079	62,004	35,937	.....	980,390	658,272	1,638,662	14,585 93



<b>CHAMBLEY CANAL.</b>															
Canadian Vessels, steam.....	573	34,340	35,568	410							2,461	34,750	38,029	72,779	324 60
do sail.....	908	14,030	12,427	8,988							35,838	23,018	48,265	71,283	1,120 99
Total Canadian.....	1,481	48,370	47,995	9,398							38,299	57,768	86,294	144,062	1,445 59
United States Vessels, steam.....	5			74							28	74	28	102	1 49
do do sail.....	1,067	141	132	14,437							71,953	14,578	75,349	89,827	1,275 17
Total United States.....	1,072	141	132	14,511							71,981	14,652	75,277	89,929	1,276 66
Grand Total, Chambly Canal	2,553	48,511	48,127	23,909							110,280	72,420	161,571	233,991	2,722 25
<b>Burlington Bay Canal.</b>															
Canadian Vessels, steam.....	1,109	124,774	126,417	782				3,112			6,024	131,580	129,529	261,109	3,033 63
do do sail.....	374	8,339	15,448					17,886			25,946	34,285	33,334	67,619	676 19
Total Canadian.....	1,483	133,113	141,865	782				20,998			31,970	165,865	162,863	328,728	3,709 82
United States Vessels, steam.....	2							53			53	53	53	106	2 12
do do sail.....	60	464						6,023			5,536	6,000	6,023	12,023	120 23
Total, United States.....	62	464						6,076			5,589	6,053	6,076	12,129	122 35
Grand Total, Burlington Bay Canal.....	1,545	133,577	141,865	782				27,074			37,559	171,918	168,939	340,857	3,832 17
<b>Ottawa Canals.</b>															
Canadian Vessels, steam.....	1,467	86,308	124,663				1,029					88,308	125,692	214,000	746 21
do do sail.....	2,123	16,462	136,736				23,588				61	16,523	160,324	176,847	2,413 20
Total, Canadian.....	3,590	104,770	261,399				24,617				61	104,831	286,016	390,847	3,159 41
United States Vessels, steam.....															
do do sail.....	856	8,364	570				56,938				6,221	14,585	57,508	72,093	1,560 40
Total, United States.....	856	8,364	570				56,938				6,221	14,585	57,508	72,093	1,560 40
Grand Total, Ottawa Canals.	4,446	113,134	261,969				81,555				6,282	119,416	343,524	462,940	4,719 81

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 35.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through the Canals, &c.—Continued.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<b>RIDEAU CANAL.</b>											
Canadian Vessels, steam.....	906	20,336	25,251					20,336	25,251	45,587	\$ 444 66
do sail.....	1,775	52,247	60,543					52,247	60,543	112,790	1,027 34
Total, Canadian.....	2,681	72,583	85,794					72,583	85,794	158,377	1,472 00
<b>United States Vessels, steam.....</b>											
do do sail.....	84	1,391	5,167					1,391	5,167	6,558	58 17
Total, United States.....	86	1,396	5,172					1,396	5,172	6,568	58 67
Grand Total, Rideau Canal.....	2,767	73,979	90,966					73,979	90,966	164,945	1,530 67
<b>ST. PETER'S CANAL.</b>											
Canadian Vessels, steam.....											
do sail.....											
Total, Canadian.....											
<b>NEWCASTLE DISTRICT CANALS.</b>											
Canadian Vessels, steam.....	117	1,105	3,370					1,105	3,370	4,475	60 00
do do sail.....	43	102	4,100					102	4,100	4,202	22 00
Total, Canadian.....	160	1,207	7,470					1,207	7,470	8,677	82 00
Grand Total, Newcastle District Canals.....	160	1,207	7,470					1,207	7,470	8,677	82 00

RECAPITULATION.

Vessels.	Total Number		From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<b>CANADIAN VESSELS.</b>														
<i>Steam and Sail.</i>														
Welland.....	3,156	107,938	171,708	4,548	1,769	345	6,866	256,562	385,318	369,393	754,711	14,445	76	
St. Lawrence.....	8,296	883,116	599,963	7,009	9	9	642	20,591	890,776	620,584	1,511,360	13,283	26	
Chambly.....	1,481	48,370	47,865	9,398				38,299	57,768	86,294	144,062	1,445	59	
Burlington Bay.....	1,483	133,113	141,865	782				31,970	165,865	162,863	328,738	3,709	82	
Ottawa.....	3,690	104,770	261,399	24,617				61	104,831	286,016	390,847	3,159	41	
Rideau.....	2,681	72,583	85,794						72,583	85,794	158,377	1,472	00	
St. Peters.....	160	1,207	7,470						1,207	7,470	8,677	82	00	
Newcastle District.....														
Total Canadian.....	20,857	1,448,014	1,252,424	186,897	1,798	345	39,639	315,452	1,678,348	1,618,414	3,296,762	37,597	84	
<b>UNITED STATES VESSELS.</b>														
<i>Steam and Sail.</i>														
Welland.....	1,973	1,078	361	2,857	268,114	185,128	2,778	108,350	292,397	296,696	689,093	12,428	57	
St. Lawrence.....	1,620	3,329	4,831	16,950	7,973	9,079	61,362	15,346	89,614	37,688	127,302	1,302	67	
Chambly.....	1,072	141	132	14,511	3,164	3,164	71,981	5,689	14,682	75,277	89,929	1,276	66	
Burlington Bay.....	62	464		6,076			6,221		6,053	6,076	12,129	122	35	
Ottawa.....	856	3,304	570	56,938					14,585	57,508	72,093	1,560	40	
Rideau.....	86	1,396	5,172						1,396	5,172	6,568	58	67	
St. Peters.....														
Total, United States.....	5,669	14,772	11,066	74,303	276,087	197,371	76,350	195,677	418,697	478,417	897,114	16,749	32	
Grand Total, Canadian and United States.....	26,526	1,462,786	1,263,490	240,785	277,885	197,716	115,889	511,129	2,097,045	2,096,831	4,193,876	54,347	16	

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

SUPPLEMENTARY APPENDIX A.—Concluded.

COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation, 1876-77, with the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1876.												
Welland Canal.....	41,394	128,323	35,550	6,114	239,713	249,102	12,092	387,522	328,749	771,061	1,099,810	208,789 27
St. Lawrence Canals....	149,023	655,441	8,145	5,652	507	1,994	83,428	43,348	241,103	706,435	947,538	76,006 75
Chambly Canal.....	12,887	5,756	48,688	.....	.....	8,640	.....	132,455	61,575	146,851	208,426 57	20,486 57
Rideau Canal.....	105,349	32,453	.....	.....	.....	.....	.....	.....	105,349	32,453	137,802	5,272 09
Ottawa Canals.....	1,735	344,069	.....	168,647	.....	.....	30	.....	1,765	512,716	514,481	39,787 62
Burlington Bay Canal..	25,327	30,292	18	6,018	.....	.....	37,686	.....	63,041	36,310	99,351	3,595 47
St. Peter's Canal.....	149	603	.....	.....	.....	.....	.....	.....	149	603	752	32 82
Newcastle Dist. Canals.	31,672	140	.....	.....	.....	.....	.....	.....	31,672	140	31,812	633 25
1877.												
Welland Canal.....	24,179	125,466	16,913	7,545	259,207	234,634	11,890	495,564	312,189	863,209	1,175,398	233,204 15
St. Lawrence Canals....	122,399	580,140	4,985	5,549	1,189	3,951	80,465	42,809	209,037	632,449	841,486	62,033 01
Chambly Canal.....	9,187	7,311	42,040	.....	.....	7,407	.....	131,758	51,227	146,476	197,703	18,980 97
Rideau Canal.....	89,717	24,349	.....	.....	.....	.....	.....	.....	89,717	24,349	114,066	4,890 47
Ottawa Canals.....	916	304,417	.....	182,318	.....	.....	.....	.....	916	486,735	487,651	41,713 95
Burlington Bay Canal..	18,064	20,284	66	4,854	.....	.....	57,530	.....	75,660	25,138	100,798	3,832 17
St. Peter's Canal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newcastle Dist. Canals.	27,155	.....	.....	.....	.....	.....	.....	.....	27,155	.....	27,155	313 91

\* This Canal being closed for enlargement, no business has been done on it during this year.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1877.

FOURTH REPORT

OR

WEIGHTS AND MEASURES,

BEING

SUPPLEMENT No. II,

TO THE REPORT

OF THE

DEPARTMENT OF INLAND REVENUE,

1877.

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Printed by Order of Parliament.

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OTTAWA :

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1878.



# COMMISSIONER'S REPORT.

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FOURTH REPORT  
OF THE  
COMMISSIONER OF INLAND REVENUE  
ON  
WEIGHTS, MEASURES AND GAS.

---

To the Honorable

The Minister of Inland Revenue.

SIR,—I have now the honour to submit my Fourth Report respecting the inspection of Weights, Measures and Gas. This Report is made for the fiscal year ended 30th June, 1877, and the accompanying statistics cover the last six months of the period included in the statistics presented with the previous Report, which was brought down to the 31st December, 1876.

1. Since my third Report was presented the Act respecting Weights and Measures has been amended, and several modifications in the regulations issued under the original Act have been made in relation to the matters specially referred to in my third Report. Amendment  
of Act.

2. The principal change made by the amendments of last session is the reduction of the fees charged for a second and subsequent verification of the same articles to one-fourth of the fee chargeable for a first verification. As one of the changes made in the regulations by Orders in Council materially reduces the fees chargeable for first verification, the revenue derived from the inspection has greatly diminished and will not nearly cover the cost of the service. It is probable that three-fourths of that cost will now fall on the general public. Reduction of  
fees.

3. Such a result was not unexpected, nor is it unjust in its effect, for it is obvious that the whole public are as much interested in accurate weighing and measuring as are the owners of the apparatus used, and the subject is only referred to here as an explanation of the diminished Revenue from his source. Diminished  
Revenue.

Adjustment  
by Inspectors.

4. The next most important change in the law is the permission of Inspectors and their Deputies to adjust weights, measures, &c., and to receive fees for so doing. This permission has only been used to a limited extent, and only in remote places where no one else could be found to do the work. In such cases it is convenient that the Inspector should be allowed to act, provided he is competent to do so; a condition which obtains only in a very limited number of cases.

Complaints  
as to the fees  
charged for  
adjustment.

5. Very shortly after the few Deputy Inspectors who attempted the adjustment of weights and measures had commenced to do so, rumours reached the Department from various sources that these officers had exacted much larger sums for the performance of the work than could be justified by the amount of work done, and complaints were made of their incapacity to do it properly. It was, therefore, determined to issue a circular—a copy of which will be found in Appendix H—restraining the Deputy Inspectors from attempting to do this work or to collect fees, except when specially authorized to do so, and requiring them to make a return of all fees collected for such service, describing in each case the amount of work done.

Returns of  
the Inspectors  
as to the ex-  
tent to which  
they have ad-  
justed.

6. A summary of the returns made to this circular will be found in Appendix J, from which it appears that the Deputy Collectors have not collected any considerable amounts as fees for adjustment, and that many of them express opinions adverse to their being required to do this kind of work. All the information that comes to the Department on this subject tends to confirm the opinion that to collect any fees of which the amount is determined by the officer collecting them, will inevitably give rise to numerous complaints, especially if the officer has any personal interest in them; it appears to be expedient, therefore, that the authority to adjust should only be exercised by officers of this Department in places where the services of a skilled adjuster cannot be obtained, and that in no case should the Inspector attempt the adjustment of platform scales, which, with hardly an exception, he would be more likely to injure than to improve.

Authority to  
adjust given  
in special  
cases.

7. Pending a decision on this point authority has been given to Deputy Inspectors in a few cases where the necessity to do so has been specially represented to the Department, and the circumstances fully stated. The terms in which such special authority has been given will be found in Appendix H.

8. The third important change in the law is that which permits manufacturers and traders to keep for sale, weights, measures and weighing machines which have not been inspected. They are exempt from inspection so long as they remain in the manufacturer's, manufactory, or in the trader's warehouse. But the act of selling them brings them under the operation of the law, and it is not quite clear that they can be lawfully sold until inspected. However that may be, many traders and manufacturers do sell uninspected weights and measures, and it has been found that many so sold are inaccurate and purchasers of them are put to much trouble and expense in consequence. This difficulty will probably right itself in course of time when the buyers of such articles come to understand the importance of purchasing only reliable articles, and the vendors will gradually fall into the practice of having their goods verified and stamped as an additional recommendation to their customers.

Exemption of the stocks of dealers and manufacturers of weights and measures.

9. Notwithstanding the indefinite extension of the period during which the old wine measure may be used where special bargains to that effect have been made, the use of the Dominion standard of measure is continually extending. The wine measure when used lies under the disadvantage that in case of disputes the seller must place himself in a position to prove a *special agreement*. Failing to do this he is liable to penalties, which a dissatisfied customer might take measures to have imposed on him. The natural tendency therefore on the part of respectable traders is to use the measure as to which there can be no dispute respecting its legality.

Extension of the permissive use of wine gallon.

10. But wine measures are still used by some, and it is known that many such persons have laid themselves open to prosecution, while it is probable that in some cases customers have been defrauded, paying for quantities by the standard measure, while that of inferior capacity has been used in serving them. As a means of protecting the public against such occurrences, the Orders in Council require that all wine measures shall be so conspicuously marked as to attract if possible the attention of the parties interested.

Precaution against fraudulent use of wine measure.

11. The provisions of the amended law have been complied with in so far as this Department can do so, and I believe the inspection is now fairly in operation.

Provision of amended law complied with.

12. In order to complete the history of all our standards, I now present in Appendix A an account of the verification of the subdivided standard yard and meter and of the divided inch as also of the cathetometer.

Completion of standards

Roberval  
balance.

13. In my third Report I directed attention to a description of scale originally known as the "*Roberval*" balance, and I then pointed out that balances of this description as commonly manufactured could be easily tampered with by so distorting them as to facilitate false weighing either in deficiency or in excess at the will of the weigher.

Principles of  
the balance.

14. As this balance is in very common use as a counter scale, and as it is in great favour among shopkeepers, I have experimentally investigated the principles of its construction, and Professor Cherriman having kindly examined the mathematical aspects of the problem has given me as the result, the formula which will be stated in the Appendix whereby the percentage of error may be computed when the dimensions of the scale and the measure of the distortion are known. A paper on this subject will be found in Appendix K.

Financial  
statement.

15. A detailed statement of the expenditure incurred for equipping the Weights and Measures Inspection Offices up to 30th June, 1877, together with a memorandum of the fees collected, will be found in Appendix B. pp. 10 to 15, from which it appears that the current expenditure for the fiscal year was \$70,140.74, while the revenue collected was \$50,375.45. It may be observed in this connection that although the full expenditure for salaries, office rent, fuel, &c., had been running on for the whole of the year, the fees collected only represent the average result of nine months collection as was explained in my former Report. There is reason to believe, therefore, that if the fees had been maintained as originally established they would have been sufficient to cover the cost of this service.

Number of  
articles veri-  
fied.

16. In Appendix C will be found a detailed statement of the weights and measures presented for verification during the fiscal year. The number of all kinds may be summarily stated as follows:—

Weights—Dominion .....	128,386	Verified, 128,116
Tolerated .....	18,940	"    18,622
Measures—Dominion .....	72,199	"    71,994
Tolerated.....	2,511	"    2,115
Measures of Length.....	9,189	"    9,057
Balances, &c.—Equal arms .....	11,967	"    11,814
Steel yards ....	1,298	"    1,220
Platform scales .....	18,132	"    17,876
Irregular weights.....	9,582	"    9,573
Irregular measures.....	86	"    81

17. A comparison of the above figures will show that the number of articles offered for inspection and which have been ultimately rejected, bears but a small proportion to the whole number. But this result is due to the moderate course taken by the Deputy Inspector under instruction from the Department. They were instructed to allow the articles which were found to be inaccurate to be removed and adjusted, and again tested without levying fees. In this way many articles were tested several times before they were either finally rejected or stamped, and it was only towards the end of the year that any charge was made for such preliminary tests.

Explanation of small number of articles rejected.

18. It is known, however, to the Department that very few weights, measures or weighing machines, were found to be sufficiently accurate to meet the requirements of the law when first presented and it is satisfactory to know that as the owners of such articles become better acquainted with what is necessary they are more careful that the articles presented shall be properly adjusted.

Nearly all articles incorrect when first presented.

19. Appendix D gives more complete details of the description of articles presented for verification, and it will be noticed that of the 60 lbs weights—a denomination legalized by special request of parties interested in the grain trade, and whereby the symmetry of our system has been materially marred—not one had been presented for verification up to the end of the year.

Fuller details in Appendix D.

20. During the past year two full sets of standards and three portable kits have been lost by fire. It is not at present necessary to incur any outlay for replacing the standards, as a sufficient surplus number were on hand at the time, but as the number of portable kits originally ordered, was short of the number required, the loss of these three has made it necessary to order an additional number.

Loss of standards by fire.

#### INSPECTION OF GAS.

21. Up to the close of the fiscal year this service had been extended to eight places; details of the work done during the year will be found in Appendices E and F. Since these returns were closed the service has been extended to Charlottetown in Prince Edward Island, and instruments have also been distributed to six other places.

Extent to which service has been inaugurated.

22. As the amendments proposed to the Gas Inspection Act last Session did not become law, the test of gas for impurities has not assumed so much importance as it otherwise would. The proper

Amendments required to Act.

examination of gas for the detection of chemical impurities is perhaps the most important part of the inspection, but to have it done properly it is necessary to employ experts. It is only, therefore, when the ordinary Inspector possesses the necessary technical knowledge that this branch of the inspection can be done without incurring expenses for the recouping of which no fees can be collected under the law as it now stands.

Tabulated  
details in  
Appendices.

23. Tabulated details of the results of the inspection, so far as it has been carried out, will be found in the Appendices above referred to.

All of which is respectfully submitted.

A. BRUNEL.

OTTAWA, 31st December, 1877.

## APPENDIX A.

SUPPLEMENTARY PAPER ON THE CONSTRUCTION AND VERIFICATION OF  
STANDARD INSTRUMENTS OF WEIGHTS AND MEASURES FOR THE  
GOVERNMENT OF CANADA.

## CONTENTS.

	PAGE.
1. Introduction.....	.....
2. Departmental Standard Subdivided Yard and Metre on the same bronze bar.....	.....
3. Standard Subdivided Inch .....	.....
4. Cathetometer.....	.....
5. Subdivided Standard Yard and Metre, forming part of model of Inspector's Comparing Apparatus.....	.....

1. INTRODUCTION.—1. In the account of the Construction and Verification of Standard Weights and Measures for the Government of Canada, dated 30th November, 1874, and forming part of Appendix B to the second Report of the Commissioner of Inland Revenue in Canada on the Inspection of Weights, Measures, and Gas, I referred to some further operations of verification then remaining to be carried out, and to an account which would be given of their results in a supplementary paper. These operations related to the following Standard instruments :

App. B, p. 28. Departmental Standard Subdivided Yard and Metre on the same bronze bar ;
App. B, p. 28. Standard Subdivided Inch ;
“ “ 44. 100 feet Chain Measure ;
“ “ 66 “ “
“ “ 47. Cathetometer.

The construction of these instruments by Messrs. Troughton and Simms has taken a considerably longer time than was anticipated, and in now giving an account of their verification, there will be included an account of the verification of a subdivided metre marked upon the brass bar of a somewhat larger model of an Inspector's Comparing Apparatus, with eye-piece subdivided Standard Yard, than that described at p. 46 of the before-mentioned Appendix B.

2. SUBDIVIDED YARD AND METRE ON THE SAME BRONZE BAR—2. The mode of construction of this Standard Measuring Bar, and of its proposed comparison with a similar Standard Bar, constructed for the Standards Department, and denoted as SS, has already been described in the before-mentioned paper, and it remains only to state the details and results of the comparisons.

COMPARISONS of the Canada Subdivided Yard and Metre on the same Bronze Bar with the Standard Bar SS.

No.	Date.	Temperature of Bars.	Bar next Observer.	Compared Length.	Compared Length.	Difference of Compared.
(1)	1876—May 16 .....	60.80 F.	Comparing .....	0 to 36 in. Canada Bar. =	0 to 36 in. SS .....	Inches. +0.00046544
(2)	" 17 .....	59 00	Compared .....	" " .....	" " .....	+0.00039634
	Mean .....	59.90	.....	0 to 36 in. Canada Bar. =	0 to 36 in. SS. ....	+0.00043089
(3)	May 16 .....	59.36	Comparing .....	24 to 36 in. Canada Bar. =	24 to 36 in. SS. ....	-0.00009126
(4)	" 18 .....	60.80	Compared .....	" " .....	" " .....	+0.0018862
	Mean .....	60.08	.....	24 to 36 in. Canada Bar. =	24 to 36 in. SS. ....	+0.00004868



The two bars being of similar metal, no allowance for temperature is required. The value of the yard SS. in terms of the Imperial standard yard at 62° F. having been found to be 35.99990950 inches.

See Appendix VII to Fifth Report Standard Commission p. 104.

∴ Yard on Canada bar, at 62° F.=36.00034039 inches of the Imperial standard yard at 62° F.

The value of the foot 24 36 inches on SS. having been found to be 11.99995960 inches.

∴ Foot, 24—36 inches on Canada bar, at 62° F.=12.00000828 inches of the Imperial standard yard at 62° F.

The following values of each of the ten hundredths of an inch on the Canada bar 39.30—39.40 inch, have been ascertained from the number of micrometer divisions of microscope No. 2 contained in each hundredth of an inch, the value of one division of the micrometer having been found to be 0.00003183 inch, viz.:

	In.	In.	Div.	In.
(5.) May 17—59.36° F.—				
Hundredth of an inch....	39.30—39.31	=	312.00	= 0.00993096
“ “	... 39.31—39.32	=	313.40	= 0.00997522
“ “	... 39.32—39.33	=	315.70	= 0.01004873
“ “	... 39.33—39.34	=	315.30	= 0.01003600
“ “	... 39.34—39.35	=	313.30	= 0.00997234
“ “	... 39.35—39.36	=	314.00	= 0.00999462
“ “	... 39.36—39.37	=	314.83	= 0.01002104
“ “	... 39.37—39.38	=	313.26	= 0.00997106
“ “	... 39.38—39.39	=	313.60	= 0.00998189
“ “	... 39.39—39.40	=	315.53	= 0.01007515
			<hr/>	<hr/>
∴ Tenth of an inch....	39.3 —39.4	=	3141.92	= 0.10000701
			<hr/>	<hr/>

In hundredth of an inch—

39.38—39.39	39.38—Metre line	=	234.85	= 0.00747528
	Metre line—39.39	=	78.75	= 0.00250661
			<hr/>	<hr/>
			313.60	= 0.00998189
			<hr/>	<hr/>
				Minimum.

(6.) May 15—15.40° C.—

Comparing Metre, Canada Bar = Metre SS.... —0.000084

(7.) May 15—15.50° C.—

Comparing Metre, Canada Bar = “ “ +0.000851

(8.) May 18—15.40° C.—

Compared Metre, Canada Bar = “ “ +0.000553

Mean Metre, Canada Bar = Metre SS..... +0.000440

(9.) May 16—15.40° C.—

Comparing 0.8—1.0 Metre, Canada Bar = 0.8—1.0  
Metre SS..... +0.002922

(10.) May 17—15.40° C.—

Compared Metre, Canada Bar = Metre SS..... +0.002240

Mean 0.8—1.0 Metre, Canada Bar=0.8—1.0 Metre SS. +0.002581

**Appendix XII to Fifth Report Standard Commission p. 186.** The value of the metre on SS when reduced to the normal temperature of 0° C., having been found, in terms of the primary *Mètre des Archives*, to be 1·00000313 metre,

∴ Metre on Canada bar at 0° C. = 1·00000357 metre.

*Ibid.*, p. 187.

And the value of the two decimetres 0·8—1·0 metre on SS having been found at 0° C., to be 0·19999275 metre,

∴ 0·8—1·0 metre on Canada bar = 0·20001856 metre.

See Appendices VII. to Fifth Report Standard Commission, p. 120.

The values of each of the ten Millimetres, 1·000—1·010 metre marked on the Canada bar, have also been determined from the number of micrometer divisions of Microscope No. 2, contained in them, the value of one division being 0·000808467 millimetre, viz:—

	METRE.	DIV.	MME.
(11.) May 18. 16·0° C. Millimetre,	1·000—1·001	=1237	=1·000074
“	1·001—1·002	=1240	=1·002499
“	1·002—1·003	=1242	=1·004116
“	1·003—1·004	=1227	=0·991989
“	1·004—1·005	=1236	=0·999265
“	1·005—1·006	=1231·5	=0·995627
“	1·006—1·007	=1238	=1·000882
“	1·007—1·008	=1239·5	=1·002095
“	1·008—1·009	=1238·2	=1·001044
“	1·009—1·010	=1237	=1·000074

Centimetre, 1·000—1·010 = 12366·2 = 9·997665

Any further verifications of other defining lines on this Standard Measuring bar, that may be deemed necessary, are left to be made by the Standards Department of Canada.

Standard Subdivided Inch.

3. STANDARD SUB-DIVIDED INCH.—The Standard sub-divided inch constructed for Canada, is similar in its graduations to that made for the Standards Department and described at p. 98 of Appendix VII., to the Fifth Report of the Standards Commission, 1871; but instead of being cut upon an inlaid slip of silver, the defining lines of the Canada inch are cut on a slip of gold inlaid in a small bronze bar of somewhat larger dimensions than that adopted for the English Standard subdivided inch.

The Canada subdivided inch is represented by the following figure:—



*Fig. 1.*

Plan of Canada Bronze Standard Subdivided Inch.

*Dimensions*:—Bronze bar 1 inch square in section, 1½ inch long. Inlaid gold slip 0·2 inch wide; 0·025 inch thick.

The verification of the Standard subdivided inch of the Standards Department is described at p. 125 of the above-mentioned Appendix VII. It was compared with the inch 36—37 of the Standard subdivided yard SS., and the whole length of the inch was found from

the mean of three complete comparisons, each of 12 readings, to be equal to 0.99986715 inch or 36th part of the Imperial Standard yard, or to have an error at the Standard temperature of 62° F., equal to 0.00013285 inch in deficiency.

The whole length of the Canada standard subdivided inch has been in like manner verified by comparison under the micrometer microscopes with the inch 24—25 of the Standard subdivided yard SS, the value of which at the normal temperature of 62° F. has been shown at p. 109 of the above-mentioned Appendix VII, to be 1.00015537 inch, or to have an error in excess of 0.00015537 inch.

The following are the results of three separate sets of comparisons, each being the mean of three complete comparisons of 12 readings, and taken with the temperature nearly at 62° F.

		INCH.
1875, Nov. 5.—	Canada inch = Inch 24—25 SS.	+ 0.00009412
“	“ = “	+ 0.00015135
24	“ = “	+ 0.00015845
	“ = “	Mean + 0.00013464
	“ = “	+ 0.00015537
	∴ Canada inch = 1 inch	+ 0.00029001

It will be seen from Fig. 1 that the first tenth 0.0—0.1 of the Canada inch is sub-divided into hundredths of an inch. The whole length of this tenth has been verified by comparison with the similar tenth of the subdivided inch of the Standards Department, and also with the first tenth of the subdivided inch 36—37 of SS, the value of which has been found to be 0.99994890 inch. The mean of the two results has been taken as the true value of this tenth of the Canada inch, viz:—

		INCH.
1875, Dec. 30.—	Canada tenth 0.0—0.1 = Tenth	
	0.00—01 of Standards inch.....	+ 0.00019987
	“ .....	= 0.999967
	∴ Canada tenth 0.0—0.1 =	0.10019954
Dec. 31.—	Canada tenth 0.0—0.1 = Tenth 36.0—36.1 SS	+ 0.00027055
	“ .....	= 0.99994890
	∴ Canada tenth 0.0—0.1 =	0.10021945
	Mean value of “	= 0.10020950

The value of each of the hundredths of an inch, into which the first tenth of the Canada inch is subdivided, has been determined in the same manner as the similar hundredths of the Standard subdivided inch, by ascertaining the relative values of each hundredth and distributing the total value of the first tenth of the Canada inch according to such relative values.

The mode of determining the relative value of each hundredth has been to place the middle of each hundredth under the middle of the field of one of the micrometer microscopes, and to note the number of divisions of the micrometer between the defining lines of the hundredth. This has been done three several times with Microscope No. 1, the value of one division of its micrometer being 0.00003198 inch, and three times more with Microscope No. 2, the value of one

division of its micrometer being 0.00003183 inch. (See p. 120 of the before mentioned Appendix VII.) The observations were made from 30th December, 1875, to 6th January, 1876, and each observation consisted of six readings. The mean of all the results has been taken as shewn in the following tabular statement :—

**RESULTS of Measurements of the Hundredths of an Inch marked on the Canada Standard Sub-divided Inch.**

Hundredths.	Number of Micrometer Divisions.								Means of the two Microscopes.
	Of Microscope No. 1.				Of Microscope No. 2.				
	Obs. 1.	Obs. 2.	Obs. 3.	Mean.	Obs. 1.	Obs. 2.	Obs. 3.	Mean.	
0.10—0.09	311.9	311.9	310.7	311.5	311.7	311.5	312.9	312.1	311.8
0.09—0.08	315.6	316.4	315.7	316.0	316.3	317.1	316.4	316.6	316.3
0.08—0.07	309.9	309.9	310.2	310.0	310.1	309.6	311.6	310.4	310.2
0.07—0.06	310.4	311.0	310.0	310.3	312.8	313.0	312.7	312.8	311.6
0.06—0.05	314.2	314.8	315.6	314.9	313.8	315.9	314.3	314.6	314.8
0.05—0.04	315.9	316.6	313.7	315.4	316.7	316.7	315.2	316.2	315.8
0.04—0.03	312.2	311.9	312.7	312.3	313.6	312.7	313.4	313.2	312.7
0.03—0.02	312.1	312.6	313.5	312.7	312.3	313.5	313.6	313.1	312.9
0.02—0.01	313.4	313.6	314.4	313.8	313.5	314.8	313.0	313.8	313.8
0.01—0.00	308.9	307.9	309.3	308.7	309.9	309.7	310.0	309.8	309.3
<b>Totals.....</b>	<b>3124.5</b>	<b>3126.6</b>	<b>3125.8</b>	<b>3125.6</b>	<b>3130.7</b>	<b>3134.5</b>	<b>3133.1</b>	<b>3132.6</b>	<b>3129.2</b>

The following are the values of the several hundredths of an inch included in tenth 0.0—0.1 of the Canada Standard subdivided inch, as computed from the relative difference of the number of micrometer divisions in each of the last nine one-hundredths, when compared with the number of micrometer divisions in the first hundredth, and taking the mean value of one micrometer division to be = 0.00003190 inch :

Compared Hundredth.	Comparing Hundredth.	Mean Difference of Compared Hundredth.		Ascertained Error of Compared Hundredth.	Standard length of Compared Hundredth.
		Div.	Inch.	In., t=62° F.	In., t=62° F.
Canada inch, 0.10—0.09				—0.00001478	0.00998522
0.09—0.08	0.10—0.09	+4.5	+0.00014355	+0.00012877	0.01012877
0.08—0.07	0.10—0.09	—1.6	—0.00005104	—0.00006581	0.00993419
0.07—0.06	0.10—0.09	—0.2	—0.00000638	—0.00002116	0.00997884
0.06—0.05	0.10—0.09	+3.0	+0.00009570	+0.00008092	0.01008092
0.05—0.04	0.10—0.09	+4.0	+0.00012760	+0.00011282	0.01011282
0.04—0.03	0.10—0.09	+0.9	+0.00002871	+0.00001393	0.01001393
0.03—0.02	0.10—0.09	+1.1	+0.00003509	+0.00002031	0.01002031
0.02—0.01	0.10—0.09	+2.0	+0.00006380	+0.00004902	0.01004902
0.01—0.00	0.10—0.09	—2.5	—0.00007975	—0.00009452	0.00990548
Here 10 (0.10—0.09) =	0.0—0.1.....		—0.00035728		
Ascertained error of	0.0—0.1.....		+0.00020950	+0.00020950	0.10020950
Here 10 (0.10—0.09) .....			—0.00014778		
∴ Ascertained error of hundredth, 0.10—0.09			—0.00001478		

4. CATHETOMETER.—The cathetometer constructed for Canada consists of a solid vertical bar, and in its construction it is somewhat more massive than the cathetometer of the Standards Department, though the general design is similar.

It has, however, but one graduated scale of 42 inches and a fraction, whilst the cathetometer of this Department was intended to have also a metric scale, and has a groove in its brass column made to receive the long slip of silver for such scale when it may be required. It has also two telescopes and two verniers. The Canada cathetometer has only one telescope and one vernier. The defining lines of the graduated scale are marked upon inlaid slips of silver.

No verification of the lengths marked upon the graduated scales of the latter cathetometer has as yet been made. It is in fact a very delicate scientific process to determine with great precision the relative values of lengths marked by fine lines upon a Standard measuring bar in a vertical position with one in a horizontal position, and for the purposes of a cathetometer such determination is hardly required.

5. INSPECTORS STANDARD METRE.—This comparing apparatus is similar in design and material to the model of comparing apparatus with eye-piece and Standard sub-divided yard described at p. 46 of Appendix B to the Second Report of the Commissioner of Inland Revenue, Canada. It is, however, constructed for the comparison of a metre and its subdivisions as well as a yard and its subdivisions, the several defining lines of both these measures being marked respectively on the two sides of the brass scale. It is, therefore, necessary now to describe only the two sets of graduations marked on this flat bar.

6. Cathetometer.  
6. Subdivided Standard Yard and Metre forming part of Inspectors' apparatus.

Along one edge of the bar the following Imperial measures of length are marked with fine lines:

1 yard at 62° Fahr., divided into feet and also into inches, marked consecutively 1 to 36;

The inches 0—1 and 35—36 are subdivided into tenths of an inch.

“ 1—2 and 34—35 “ “ twelfths “

“ 2—3 and 33—34 “ “ sixteenths “

A small brass 1-inch scale is provided for minute measurements of differences. It is engraved along one edge with fine lines of tenths of an inch, and along the other edge with lines defining hundredths of an inch.

Along the other edge of the bar the following metric measures of length are marked with fine lines:

A metre at 32° Fahr., divided into decimetres and also centimetres, numbered alternately 2, 4, 6 etc., up to 100: the centimetres 1—10 and 90—100 at either end of the scale are subdivided into millimetres.

A small brass scale of two centimetres is also provided for minute measurements of differences, to be used with the metre scale. It is engraved M, so as to be readily distinguished from the inch scale, and is divided into millimetres and fifths of millimetres.

The two scales, both Imperial and metric, have been carefully compared at a temperature closely approaching 62° F., with the two scales engraved on the official bronze standard bar SS. No appreciable error, at least no error so great as the breadth of the defining line has been found in the length of the yard and its several subdivisions, or in the length of any of the subdivisions of the metre.

The total length of the metre, however, on this brass scale, when reduced to the normal temperature of  $32^{\circ}$  Fahr., and in terms of the *Metre des Archives*, was found to be 0.99996 metre, or having an error in deficiency of 0.04 millimetre. This result was found from the comparison being made under the micrometer microscopes. So small an error is evidently unappreciable to the unassisted eye, or even with the eye-piece of the Inspectors' comparing apparatus.

H. W. CHISHOLM,  
*Warden of the Standards.*

STANDARDS OFFICE,  
24th May, 1876.

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APPENDIX B

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DETAILS OF EXPENDITURE.

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DETAILS of Expenditure for Equipment and Contingencies, with Memo.

Inspection Divisions.	Deputy Inspectors.	Date on which Standards were supplied.	Value of Standards and Apparatus.				
			Value of Principal Standards.	Value of 50 lbs. Iron Standards.	Value of Portable Kits.	Total Value.	
<i>Ontario.</i>			1876.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Algoma .....	Wm. Carney .....	June 26.....	660 00	80 00	.....	740 00	
Brant .....	John Allen .....	July 3 .....	660 00	80 00	170 00	910 00	
Brockville.....	S. Carruthers .....	Nov. 14.....	660 00	80 00	170 00	910 00	
Bruce .....	C. B. Stevens .....	Oct. 24.....	660 00	80 00	170 00	910 00	
			1877.				
Dundas .....	E. F. Loucks.....	March 6.....	660 00	.....	170 00	830 00	
			1876.				
Durham .....	P. R. Randall .....	May 17 .....	660 00	80 00	170 00	910 00	
Elgin .....	Jno. Campbell.....	Aug. 12.....	660 00	80 00	170 00	910 00	
Essex .....	Geo. Rankin.....	May 15.....	660 00	160 00	170 00	990 00	
Glengarry.....	F. McRae .....	Sept. 15.....	660 00	80 00	170 00	910 00	
Grey .....	D. Campbell .....	July 4.....	660 00	80 00	170 00	910 00	
Halton .....	Thos. Smith.....	May 12.....	660 00	80 00	170 00	910 00	
			825 00	320 00	170 00	1,315 00	
Hamilton .....	H. Sheppard .....	July 7.....					
			660 00	80 00	.....	740 00	
			660 00	80 00	.....	740 00	
Hastings.....	J. P. Macdonnell .....	April 12.....	660 00	80 00	.....	740 00	
Huron .....	Chas. Morrow .....	Aug. 12.....	660 00	80 00	.....	740 00	
Kent .....	John Watts .....	Sept. 16.....	660 00	80 00	170 00	910 00	
Kingston .....	W. L. Baxter.....	May 17.....	660 00	400 00	170 00	1,230 00	
Lambton .....	Wm. McLean.....	Sept. 28.....	660 00	80 00	170 00	910 00	
			1877.				
Lanark.....	J. W. Manning .....	March 17.....	660 00	40 00	.....	700 00	
			1876.				
Lennox .....	G. B. Sills.....	April 12.....	660 00	80 00	.....	740 00	
London .....	J. J. Spettigue.....	July 13.....	665 00	240 00	.....	905 00	
Middlesex .....	Jas. Campbell.....	May 19.....	660 00	80 00	170 00	910 00	
Muskoka .....	Jas. Sharpe .....	Oct. 24.....	660 00	.....	170 00	830 00	
Niagara .....	L. D. Winchester...	July 4.....	660 00	80 00	.....	740 00	
Norfolk .....	T. R. Slaght .....	June 2.....	660 00	80 00	170 00	910 00	
Northumberland.....	J. H. Willoughby...	April 12.....	660 00	80 00	170 00	910 00	
Ontario .....	T. C. Forman.....	do 15.....	660 00	160 00	170 00	990 00	
Ottawa.....	E. A. Lapierre .....	March 4.....	660 00	400 00	.....	1,060 00	
Oxford .....	G. H. Hotson .....	Aug. 25.....	660 00	80 00	170 00	910 00	
Peterborough.....	F. W. Hall .....	April 12.....	660 00	80 00	170 00	910 00	
Prince Edward.....	Robt. Boyle .....	June 26.....	660 00	80 00	170 00	910 00	
Renfrew .....	Jas. Stewart .....	do 14.....	660 00	80 00	170 00	910 00	
Simcoe .....	H. W. Laird.....	July 4.....	660 00	80 00	170 00	910 00	
Stratford .....	J. W. Pierson.....	Sept. 16.....	660 00	80 00	170 00	910 00	
Toronto .....	J. Wingfield.....	.....	861 00	720 00	170 00	1,751 00	
			.....	.....	.....	.....	
Victoria.....	Thos. Berkinshaw .....	May 26.....	660 00	80 00	170 00	910 00	
Waterloo .....	W. A. Silverwood.....	April 11.....	660 00	80 00	170 00	910 00	
Welland .....	J. McDougall .....	Aug. 21.....	660 00	80 00	170 00	910 00	
Wellington .....	A. A. Davis .....	Sept. 4.....	660 00	80 00	170 00	910 00	
York .....	H. H. Swinford.....	May 26.....	662 00	80 00	170 00	912 00	
			660 00	80 00	170 00	910 00	
			26,773 00	4,840 00	5,270 00	36,883 00	



DIX B.

Random of Fees Collected, for the Year ending 30th June, 1877.

Value of Office Furniture, &c.	Expenditure.				Date on which operations were commenced.	Fees Collected.
	Office Rents.	Travelling Expenses and other Contingencies.	Salaries.	Total.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	1876.	\$ cts.
63 30	60 00	51 48	500 00	611 48	Oct. 7.....	115 85
99 34	75 00	123 02	500 00	698 02	do .3.....	869 85
125 22	50 00	91 01	600 00	741 01	Dec. 9.....	1,232 85
65 00	42 50	314 75	500 00	857 25	Jan. 17.....	709 35
	27 50	8 81	500 00	536 31	April 4.....	18 65
30 97	90 00	179 39	500 00	769 39	July 1.....	812 80
74 36	150 00	173 10	500 00	823 10	Oct. 10.....	1,490 15
61 00	120 00	193 89	500 00	813 89	do 4.....	416 70
84 95	66 66	145 52	500 00	712 18	Dec. 11.....	641 60
77 76	60 00	415 66	500 00	975 66	Aug. 19.....	915 70
38 00	75 00	346 81	500 00	921 81	July 1.....	763 50
174 27	160 00	311 83	700 00			
			700 00	2,461 83	Aug. 12.....	4,602 65
73 82	100 00		500 00			
61 75	100 00	24 55	600 00	724 55	July 1.....	619 25
46 63	75 00	9 75	500 00	584 75	Sept. 25.....	232 70
66 50	100 00	138 61	500 00	738 61	Dec. 4.....	872 90
88 05	50 00	129 20	700 00	879 20	Aug. 1.....	994 30
65 00	135 00	92 25	500 00	727 25	Dec. 4.....	464 15
	25 00	19 85	500 00	544 85	April 23.....	123 05
32 00	120 00	46 85	500 00	666 85	Nov. 18.....	478 60
72 70		383 08	1,000 00	1,383 08	Aug. 28.....	1,236 60
70 32	180 00	212 82	500 00	892 82	do 2.....	1,193 00
					1877.	
65 00	54 00	126 28	500 00	680 28	Feb. 2.....	245 85
					1876.	
114 10	120 00	43 82	600 00	763 82	Sept. 2.....	493 50
69 33	125 00	132 20	500 00	757 20	Nov. 14.....	278 05
32 90	50 00	168 56	500 00	718 56	July 1.....	581 75
57 09	80 00	500 57	600 00	1,180 57	Aug. 6.....	1,495 65
84 70	210 00	268 46	1,000 00	1,478 46	July 1.....	1,288 45
95 00	80 00	226 74	600 00	906 74	Oct. 3.....	1,002 15
77 01	120 00	113 01	500 00	733 01	June 30.....	481 70
63 94	80 00	168 05	500 00	748 05	Aug. 1.....	589 15
54 50	80 00	167 25	500 00	747 25	do 2.....	526 75
84 65	80 00	230 06	600 00	910 06	Sept. 5.....	1,053 75
95 35	80 00	83 77	500 00	663 77	Oct. 31.....	385 05
173 45		33 50	900 00			
			700 00	1,633 50	July 1.....	4,150 50
72 45	100 00	341 57	500 00	941 57	do 1.....	804 45
75 15	100 00	161 76	600 00	861 76	Aug. 12.....	488 60
34 81	50 00	241 23	500 00	791 23	Sept. 4.....	962 05
88 07	120 00	142 05	600 00	862 05	July 1.....	916 15
95 00	120 00	301 58	600 00	1,021 58	Oct. 11.....	1,012 75
2,901 44	3,500 66	6,862 69	24,100 00	34,463 35		35,560 50

DETAILS of Expenditure for Equipment and Contingencies,

Inspection Division.	Deputy Inspectors.	Date on which Standards were Supplied.	Value of Standards and Apparatus.			
			Value of principal Standards.	Value of 50 lb. Iron Standard.	Value of Portable Kits.	Total Value.
<i>Quebec.</i>		1876.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Beauce.....	J. B. Mercier.....	Sept. 4.....	660 00	.....	.....	660 00
Beauharnois.....	C. B. Dewitt.....	May 2.....	660 00	80 00	170 00	910 00
Bellechasse.....	F. Lamontagne.....	Sept. 4.....	660 00	.....	.....	660 00
Berthier.....	A. Coutu.....	do 4.....	660 00	.....	.....	660 00
Chambly.....	E. Lamoureux.....	do 4.....	660 00	80 00	170 00	910 00
Champlain.....	H. A. Cinq-Mars.....	do 4.....	660 00	.....	.....	660 00
Drummond.....	P. N. Pecaud.....	do 4.....	660 00	.....	170 00	830 00
Gaspé.....	G. M. Michaud.....	do 4.....	660 00	.....	.....	660 00
Hull.....	A. Quesnel.....	June 1.....	660 00	80 00	.....	740 00
	P. Lynch.....	July 18.....	660 00	.....	170 00	830 00
Iberville.....	J. M. Lanier.....	Sept. 4.....	660 00	80 00	.....	740 00
Joliette.....	J. L. E. Desroches.....	do 4.....	660 00	.....	.....	660 00
Kamouraska.....	J. O. Chamberland.....	April 18.....	660 00	.....	.....	660 00
Labrador.....	N. Grenier.....	.....	660 00	.....	.....	.....
Laval.....	H. Lalonde.....	Sept. 4.....	660 00	.....	.....	660 00
Levis.....	A. Levesque.....	Aug. 22.....	660 00	80 00	.....	740 00
Lotbinière.....	H. Q. de St. George.....	Sept. 4.....	660 00	.....	170 00	830 00
Missisquoi.....	B. A. Haskell.....	May 26.....	660 00	80 00	170 00	910 00
Montmagny.....	N. Nadeau.....	Sept. 4.....	660 00	.....	.....	660 00
Montmorenci.....	T. Larue.....	do 4.....	660 00	8 00	170 00	838 00
Montreal.....	L. N. Roy.....	.....	.....	.....	.....	.....
	S. Quinn.....	.....	.....	.....	.....	.....
	D. Lyons.....	July 5.....	663 00	240 00	.....	903 00
	O. Fautoux.....	.....	.....	.....	.....	.....
Quebec.....	Jos. Gregoire.....	do 5.....	660 00	152 00	.....	812 00
	E. Dubord.....	.....	.....	.....	.....	.....
Richelieu.....	Chas. Blais.....	Sept. 4.....	660 00	40 00	170 00	870 00
Rimouski.....	D. Ouellet.....	1877. April 3.....	660 00	.....	.....	660 00
Saguenay.....	H. Simard.....	July 4.....	660 00	80 00	170 00	910 00
Sherbrooke.....	H. J. Pennycy.....	Sept. 4.....	660 00	80 00	170 00	910 00
St. Hyacinthe.....	F. L. Desrivieres.....	Aug. 22.....	660 00	.....	.....	1,320 00
Terrebonne.....	Thos. Lamb.....	May 12.....	660 00	160 00	170 00	990 00
Three Rivers.....	Wm. Chagnon.....	Sept. 4.....	660 00	80 00	170 00	910 00
			19,143 00	1,320 00	2,040 00	22,503 00

with Memorandum of Fees Collected, &c.—Continued.

Value of Office Furniture, &c.	Expenditure.				Date on which operations were commenced.	Fees Collected.
	Office Rents.	Travelling Expenses and other Contingen-cies.	Salaries.	Total.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	1877.	\$ cts.
52 50	50 00	49 50	500 00	599 50	Jan. 16.....	47 80
71 34	80 00	200 58	500 00	780 58	1878. Oct. 3.....	679 80
40 84	80 00	69 40	500 00	649 40	1877. Jan. 3.....	146 00
71 72	80 00	37 51	500 00	617 51	1876. Nov. 28.....	247 25
65 41	100 00	182 05	500 00	782 05	do 2.....	366 45
50 90	80 00	46 50	500 00	626 50	Dec. 4.....	16 70
44 00	100 00	39 19	500 00	639 19	Nov. 6.....	260 95
97 40	5 00	105 40	500 00	610 40		
60 00	80 00	195 21	500 00	1,335 21	Nov. 4.....	157 05
	60 00		500 00			
	100 00	108 50	500 90	708 50	Feb. 9.....	438 50
	100 00	2 20	500 00	602 20	Feb. 27.....	334 50
	25 00	4 84	500 00	529 84	June 9.....	38 40
			500 80	500 00		
41 72	66 66	32 55	500 00	599 21	Feb. 1.....	
77 85	83 33	35 75	500 00	619 08	Nov. 6.....	206 35
35 00	55 00	39 04	500 00	594 04	Dec. 19.....	110 00
53 42	50 00	143 42	500 00	693 42	Nov. 3.....	467 75
40 00	41 66		500 00	541 66	Feb. 6.....	99 95
51 40	24 00	37 43	500 00	561 43	Dec. 4.....	60 60
			800 00			
80 62		38 75	700 00	2,938 75	Sept. 2.....	3,813 35
			700 00			
			700 00			
67 15		186 45	900 00	1,786 45	Dec. 4.....	1,085 05
			700 00			
58 25	66 00	84 65	500 00	650 65	Oct. 31.....	292 80
	22 00	1 00	500 00	523 00	June 13.....	60 00
46 85	50 00	258 94	500 00	808 94	Aug. 7.....	340 00
38 00	63 00	199 47	600 00	862 47	Feb. 3.....	818 00
	100 00	37 50	500 00	637 50	March 3.....	98 15
42 00	30 00	83 55	500 00	613 55	Aug. 3.....	186 65
33 50		7 15	500 00	507 15	March 24.....	194 90
1,214 87	1,591 65	2,226 53	13,100 00	21,918 18		10,757 50

## DETAILS of Expenditure for Equipment and Contingencies,

Inspection Divisions.	Deputy Inspectors.	Date on which Standards were Shipped.	Value of Standards and Apparatus.				
			Value of Principal Standards.	Value of 50 lbs. Iron Standards.	Value of Portable Kits.	Total Value.	
<i>New Brunswick.</i>			1877.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Fredericton .....	E. C. Freeze.....	June 26.....	660 00	80 00	.....	740 00	
Kings .....	W. O. Slipp.....	Dec. 16.....	660 00	40 00	.....	700 00	
Moncton .....	J. T. Carter.....	May 25.....	660 00	.....	.....	660 00	
Northumberland	R. B. Cutler.....	.....	.....	.....	.....	.....	
Restigouche .....	T. Blanchard.....	.....	.....	.....	.....	.....	
St. John.....	J. Macfarlane.....	April 13.....	660 00	360 00	170 00	1,190 00	
Woodstock.....	Wm. Dibblee.....	do 11.....	660 00	80 00	.....	740 00	
<i>Nova Scotia.</i>			3,300 00	560 00	170 00	4,030 00	
Annapolis .....	E. E. Tupper.....	Aug. 22.....	660 00	80 00	.....	740 00	
Cape Breton.....	Lewis Tremaine ..	May 21.....	660 00	160 00	.....	820 00	
Colchester.....	A. McKay.....	Nov. 9.....	660 00	80 00	170 00	910 00	
Guysborough.....	A. J. O. Maguire.....	June 26.....	660 00	80 00	170 00	910 00	
Halifax.....	Jas Pryor.....	April 15.....	663 00	320 00	.....	983 00	
Hants .....	S. G. Kerr.....	.....	.....	.....	.....	.....	
Inverness.....	Peter Grant.....	June 7.....	660 00	160 00	170 00	990 00	
Lunenburg .....	Israel Hehdry.....	do 17.....	660 00	80 00	.....	740 00	
Pictou.....	Henry Fraser.....	April 15.....	660 00	80 00	170 00	910 00	
Yarmouth .....	J. M. Lacain.....	June 17.....	660 00	80 00	170 00	910 00	
<i>Manitoba.</i>			5,943 00	1,120 00	850 00	7,913 00	
Winnipeg .....	L. Hayward.....	May 19.....	660 00	80 00	.....	740 00	
						<b>SUM</b>	
Province of Ontario.....	.....	.....	26,773 00	4,840 00	5,270 00	36,883 00	
do Quebec.....	.....	.....	19,143 00	1,320 00	2,040 00	22,503 00	
do New Brunswick.....	.....	.....	3,300 00	560 00	170 00	4,030 00	
do Nova Scotia.....	.....	.....	5,943 00	1,120 00	850 00	7,913 00	
do Manitoba.....	.....	.....	660 00	80 00	.....	740 00	
			55,819 00	7,920 00	8,330 00	72,069 00	

with Memorandum of Fees Collected, &c.—Continued.

Value of Office Furniture, &c.	Expenditure.				Date on which operations were commenced.	Fees Collected.
	Office Rents.	Travelling Expenses and other Contingencies.	Salaries.	Total.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	1876.	\$ cts.
47 98	100 00	38 08	500 00	638 08	Oct. 16.....	174 45
.....	30 00	18 10	500 00	548 10	June 8.....	7 55
.....	10 00	1 40	500 00	511 40	.....	.....
.....	.....	28 22	500 00	528 22	.....	.....
.....	.....	.....	500 00	500 00	.....	.....
113 80	.....	904 57	1,000 00	1,904 57	July 1.....	740 00
71 00	80 00	76 63	500 00	656 63	do 1.....	72 75
232 78	220 00	1,067 00	4,000 00	5,287 00	.....	994 75
59 16	45 00	121 68	500 00	666 68	Nov. 9.....	98 55
72 75	80 00	178 11	500 00	758 11	Aug. 14.....	300 40
55 95	66 66	62 99	500 00	629 65	Dec. 18.....	120 10
42 50	80 00	263 03	500 00	843 03	Aug. 7.....	252 75
109 87	200 00	49 70	1,000 00	1,249 70	July 1.....	431 55
.....	.....	.....	500 00	500 00	.....	.....
54 00	80 00	283 25	500 00	863 35	Aug. 8.....	507 15
58 92	100 00	199 98	500 00	799 98	July 1.....	625 80
42 70	80 00	20 17	500 00	600 17	Sep. 5.....	185 25
76 05	75 00	114 41	500 00	689 41	do 15.....	469 50
571 90	806 66	1,293 42	5,500 00	7,600 08	.....	2,981 05
104 26	.....	137 70	734 43	872 13	March 10.....	81 65

MARY.

2,901 44	3,500 66	6,862 69	24,100 00	34,463 35	.....	35,560 50
1,214 87	1,591 65	2,226 53	18,100 00	21,918 18	.....	10,757 50
232 78	220 00	1,067 00	4,000 00	5,237 00	.....	994 75
571 90	806 66	1,293 42	5,500 00	7,600 08	.....	2,981 05
104 26	.....	137 70	734 43	872 13	.....	81 65
5,026 25	6,118 97	11,587 34	52,434 43	70,140 74	.....	50,375 45

RETURN of the Weights and Measures Inspected during the Fiscal Year ended 30th and Verified after First Rejection for each Division,

INSPECTION DIVISIONS.	WEIGHTS.								MEASURES OF CAPACITY.							
	Dominion Weights.				Tolerated Weights.				Dominion Measures.				Tolerated Measures.			
	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.
<i>Ontario.</i>																
Algoma .....	135	135			107	107			31	31			68	61		
Brant .....	1726	1726	662		211	211	123		1593	1593	14					
Brockville.....	7970	7958	1	12	177	176	2	1	1705	1689	139	16				
Bruce .....	1822	1822			161	161			584	584						
Durham.....	1602	1602			410	410			939	936		3				
Dundas .....					8	6		2	7	7						
Essex.....	2369	2366	730	3	201	201	86		2789	2766		23				
Glenarry.....	1064	1064	792		92	92	78		135	135						
Grey.....	1417	1417			279	279			281	281						
Halton.....	2106	2106			251	251			768	768						
Hamilton (City).	2376	2376			231	231			3	3						
Hamilton (Dun-	15893	15888	262	5	741	736	32	5	8438	8438						
das).....	474	473	7	1	59	59	4		381	377		4				
Hastings.....	1268	1268			162	162			986	986						
Huron .....	367	367			20	20			389	389						
Kent.....	1823	1823	460		374	374	117		767	762		5				
Kingston.....	2045	2045			385	385			2280	2280						
Lambton.....	1285	1285			97	97			310	310						
Lanark.....	9	9			5	5										
Lennox .....	328	328			263	263			1296	1296						
London .....	3054	3025	1442	29	327	325	212	2	2288	2270	98	18				
Middlesex .....	2610	2607	1460	3	217	217	173		1367	1367						
Muskoka.....	755	752	2	3	54	54	1		179	179						
Niagara.....	1227	1227	5		112	108	4	4	426	420	1	6				
Norfolk.....	613	524	33	89	61	53	4	8	745	728		17				
Northumberland	1708	1708	321		180	180	58		45	45			289	289		
Ontario.....	3877	3853		24	332	332			1004	1004						
Ottawa.....	6461	6433		28	457	443	4	14	2263	2263						
Oxford.....	2451	2451	1153		241	241	162		603	574		29				
Peterborough....	1381	1380		1	236	235		1	402	401		1				
Prince Edward...	1335	1335			160	160			253	251		2	248	248		
Renfrew .....	1378	1378			86	86			399	399						
Simcoe.....	2854	2854	377		263	263	65		916	916	3					
Stratford.....	607	607			77	75		2	409	409						
Toronto .....	11149	11146	3280	3	1231	1231	645		9379	9459		20	212	212		
Victoria.....	1287	1287	635		251	251	153		907	906		1				
Waterloo.....	1178	1178	292		109	109	51		803	803						
Wellington.....	1990	1990	1185		203	203	141		1326	1326			56	56		
Welland.....	657	657	85		1238	1238			814	814	5					
York.....	2708	2708			486	486			285	285						
Total.....	98359	98158	13184	201	10455	10516	2115	39	48495	48450	258	145	873	866		7

DIX C.

June, 1877, showing the Total Number brought for Verification, Verified, Rejected for each Province, and for the whole Dominion.

MEASURES OF LENGTH.	BALANCES, &c.									IRREGULAR WEIGHTS.			IRREGULAR MEASURES.								
	Equal Armed Balances.			Steelyards.			Platform Scales, Weigh Bridges, &c			Irregular Weights.			Irregular Measures.								
	Brought for Verification.	Verified.	Verified after First Rejection. Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection. Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection. Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection. Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection. Finally Rejected.						
1	1		29	29		4	4		45	45		66	66								
104	104		175	173	145	2	14	12	6	2	288	280	201	8	167	167	67	3	3		
696	696		180	161	1	29	1	1			276	270		6	48	48					
71	71		136	136			14	14			253	253			261	261					
98	98		182	181		1	22	21		1	471	465		6	204	204					
1	1		2	1		1					13	10		3							
88	87	1	175	175	107		38	38	14		448	440	209	8							
40	40		98	98	93		25	25	21		193	193	186		5	5					
38	38		179	179			17	17			277	277									
77	77		163	163			4	4			416	416			532	532					
52	52		205	205			25	25			371	371									
246	246	5	875	874	37	1	92	91		1	1295	1295	61		1233	1233					
25	25		41	38	1	3	1	1			47	46		1							
134	134		159	159	2		19	19			287	287									
80	30		19	19			2			2	55	52		3							
28	28		201	201	75		3	3			366	366	200		291	291	89				
157	157		324	323		1	2	2			284	281		3							
34	34		133	131		2	6	5		1	249	242		7	99	99					
			7	7																	
31	31		45	48			15	15			186	186									
131	107	24	276	274	143	2	36	36	21		500	495	266	5	284	284	182				
439	439		198	198	124		20	20	5		484	456	194	28	279	279	184				
25	25		54	52		2	1			1	93	91	1	2	18	18					
19	19		121	121			6	6			205	205			159	159					
74	74		43	27	3	16	5	4		1	113	86	12	27							
110	104	6	164	163		1	66	64		2	341	336		5	256	256					
127	127		271	271			10	10			674	674	6		229	229					
823	815	8	414	413		1	3	3			428	415	5	13							
94	94		185	181	29	4	62	62	2		458	451	174	7							
17	17		137	137			15	14		1	237	231		6							
22	22		94	94			28	15		13	268	265		3	96	96					
51	51		96	96			9	9			254	254									
93	93		208	205		3	22	21		1	528	508		20	3	3					
3	3		64	51		13	6	5		1	88	83		5							
1247	1247	222	856	856	208		117	117	26		1168	1167	335	1	610	610	610				
207	207		215	209	59	6	99	99	34		690	689	234	1	2441	2432	1248	9	2	2	
50	50		98	98			9	9			200	200									
169	169		179	179			8	7		1	307	306		1							
3	3		259	259			5	5			394	391	6	3	445	445					
38	38		264	264			40	40			378	377		1	195	195					
5647	5550	235	7527	7439	1027	88	871	843	129	28	13628	13455	2080	173	7921	7912	2380	9	5	5	

APPENDIX

RETURN of the Weights and Measures Inspected during the Fiscal Year ended 30th and Verified after First Rejection for each Division,

INSPECTION DIVISIONS.	WEIGHTS.								MEASURES OF CAPACITY.							
	Dominion Weights.				Tolerated Weights.				Dominion Measures.				Tolerated Measures.			
	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.
<i>Quebec.</i>																
Beauce.....	54	54			19	19			329	329						
Beauharnois.....	1024	1024			179	179			1120	1120						
Bellechasse.....	406	406	406		89	89	89		82	82	82					
Berthier.....	607	607	6		62	62			1313	1313						
Chambly.....	1159	1145	35	14	193	187	13	6	714	714	31					
Champlain.....	59	59			15	15			15	15	1					
Drummond.....	174	174			571	571	5		347	347			36	36	14	
Gaspé.....	Nil															
Hull (Pontiac).....	271	271			32	32			293	273		20				
Hull (City).....	432	424		8	90	86		4	301	301	9		55	55		
Iberville.....	1337	1337			19	19			872	872						
Joliette.....	567	565		2	317	317			1195	1195						
Kamouraska.....	77	77			50	50			24	24						
Labrador.....	Nil															
Laval.....	275	275			33	33			94	94						
Lévis.....	908	908	3		149	149	1		614	614						
Lotbinière.....	227	227			136	136			36	36						
Missisquoi.....	482	482			984	984			253	253						
Montmagny.....	217	217			157	157					7					
Montmorenci.....	59	59	53		124	124	28		7	7						
Montreal.....	10322	10307	1059	15	1085	1085			8414	8414	6068					
Quebec.....	4141	4141			526	524		2	3680	3667	58	13				
Richelieu.....	754	751	25	3	180	180	11		740	738		2				
Rimouski.....					178	178			35	35						
Saguenay.....	849	849			297	297			105	105			52	52		
Sherbrooke.....	1703	1708			155	155			598	598						
St. Hyacinthe.....	224	224			22	22			404	404						
Terrebonne.....	49	49	5		362	356	2	6	40	40						
Three Rivers.....	878	878			168	168			471	471						
<b>Total.....</b>	<b>27260</b>	<b>27218</b>	<b>1592</b>	<b>42</b>	<b>6192</b>	<b>6174</b>	<b>149</b>	<b>18</b>	<b>22096</b>	<b>22061</b>	<b>6256</b>	<b>35</b>	<b>143</b>	<b>143</b>	<b>14</b>	



C—Continued.

June, 1877, showing the Total Number brought for Verification, Verified, Rejected for each Province, and for the whole Dominion.

MEASURES OF LENGTH.	BALANCES, &c.									IRREGULAR WEIGHTS.	IRREGULAR MEASURES.										
	Equal Armed Balances.			Steelyards.			Platform Scales, Weigh-Bridges, &c.														
	Brought for Verification.	Verified.	Verified after First Rejection.	Brought for Verification.	Verified.	Verified after First Rejection.	Brought for Verification.	Verified.	Verified after First Rejection.												
Brought for Verifies n.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.		
30	30	6	6	2	2			4	2												
82	82	153	153	1	1			226	226												
16	16	64	64	64				28	28	28											
45	45	53	51	2	1			45	44												
12	12	4	123	121	4	2		77	77												
3	3	10	10																		
231	231	1	86	86	2			71	71	4											
39	39	19	19																		
18	18	3	71	71	7			2	2												
16	16		127	127				3	3												
43	43		59	59				3	2												
13	13		23	23				13	13												
2	2		21	21																	
11	11		99	99				7	7												
42	42		50	50																	
22	22		166	116																	
70	70		69	69				15	15												
2	2		30	30	23																
1382	1379	279	3	1096	1096			39	23	16											
360	353	1	7	256	251			5	1	1											
22	22		107	97	12	10															
17	17		41	41				2	2												
208	208		141	141																	
100	100		139	139				9	9												
3	3		19	19																	
28	28		99	98				1													
14	14		39	39				7	7												
2836	2821	301	15	3116	3096	112	20	176	158	4	18	2853	2839	105	14	1296	1296			25	25

APPENDIX

RETURN of the Weights and Measures Inspected during the Fiscal Year ended 30th and Verified after First Rejection for each Division,

INSPECTION DIVISIONS.	WEIGHTS.								MEASURES OF CAPACITY.							
	Dominion Weights.				Tolerated Weights.				Dominion Measures.				Tolerated Measures.			
	Brought for Verification.	Verified.	Verified after First Rejection.		Brought for Verification.	Verified.	Verified after First Rejection.		Brought for Verification.	Verified.	Verified after First Rejection.		Brought for Verification.	Verified.	Verified after First Rejection.	
			Finally Rejected.	Finally Rejected.			Finally Rejected.	Finally Rejected.			Finally Rejected.	Finally Rejected.				
<i>New Brunswick.</i>																
Fredericton.....	243	243	210	.....	81	81	72	.....	.....	.....	.....	.....	.....	.....	.....	
Kings.....	19	19	19	.....	4	4	4	.....	.....	.....	.....	.....	.....	.....	.....	
Moncton.....	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Northumberland.....	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Restigouche.....	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
St. John.....	2377	2377	.....	.....	444	444	.....	.....	168	168	.....	.....	.....	.....	.....	
Woodstock.....	115	115	.....	.....	27	26	1	.....	.....	.....	.....	.....	.....	.....	.....	
Total.....	2754	2754	229	.....	556	555	76	1	168	168	.....	.....	.....	.....	.....	
<i>Nova Scotia.</i>																
Annapolis.....	45	45	.....	.....	156	156	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Cape Breton.....	23	18	5	.....	259	39	220	.....	.....	.....	.....	174	103	.....	71	
Colchester.....	392	392	1	.....	33	33	.....	.....	1	1	.....	.....	.....	.....	.....	
Guyaborough.....	164	152	12	.....	181	157	24	.....	144	144	.....	.....	15	.....	15	
Halifax.....	816	816	.....	.....	367	364	3	.....	35	35	.....	.....	193	167	.....	
Hants.....	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Inverness.....	214	207	2	7	409	396	1	13	716	716	.....	.....	.....	.....	.....	
Lunenburg.....	588	588	.....	.....	243	243	.....	.....	75	63	.....	12	873	812	.....	
Pictou.....	349	349	.....	.....	32	32	.....	.....	.....	.....	.....	.....	24	24	.....	
Yarmouth.....	309	309	.....	.....	26	26	.....	.....	149	149	.....	.....	216	.....	.....	
Total.....	2900	2876	3	24	1706	1446	1	260	1120	1108	.....	12	1495	1106	.....	
<i>Manitoba</i> .....																
	113	110	.....	3	31	31	.....	.....	220	207	.....	13	.....	.....	.....	
RECAPITU																
Ontario.....	95359	95158	13184	201	10455	10416	2115	39	48595	48450	258	145	873	866	.....	
Quebec.....	27260	27218	1592	42	6192	6174	149	18	22096	22061	5256	35	143	143	14	
New Brunswick.....	2754	2754	229	.....	556	555	76	1	168	168	.....	.....	.....	.....	.....	
Nova Scotia.....	2900	2876	3	24	1706	1446	1	260	1120	1108	.....	12	1495	1106	.....	
Manitoba.....	113	110	.....	3	31	31	.....	.....	220	207	.....	13	.....	.....	.....	
Total, Dominion	128386	128116	15008	270	18940	18622	2341	318	72199	71994	5514	205	2511	2115	14	

C—Continued.

June, 1877, showing the Total Number brought for Verification, Verified, Rejected for each Province, and for the whole Dominion.

MEASURES OF LENGTH.				BALANCES, &c.									IRREGULAR WEIGHTS.			IRREGULAR MEASURES.			
				Equal Armed Balances.			Steelyards.			Platform Scales Weigh Bridges, &c.									
Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.	Brought for Verification.	Verified.	Verified after First Rejection.	Finally Rejected.
13	13	8	.....	63	63	17	.....	5	5	1	.....	68	63	25	.....				
.....	.....	.....	.....	4	3	3	1	2	2	2	.....	2	2	.....	2	.....	.....	.....	.....
181	181	.....	.....	401	401	.....	.....	50	50	.....	.....	287	287	.....	.....	98	98	.....	20
2	2	.....	.....	28	26	.....	2	3	3	.....	.....	56	53	.....	3	10	10	.....	20
196	196	8	.....	496	493	20	3	60	60	3	.....	413	403	27	10	108	108	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	17	.....	.....	44	44	.....	.....	2	2	.....	.....	44	44	.....	.....	.....	.....	.....	.....
58	42	16	.....	75	54	.....	21	19	2	.....	17	126	90	.....	36	.....	.....	.....	.....
18	17	1	.....	29	29	.....	.....	1	1	.....	.....	97	90	.....	7	.....	.....	.....	.....
24	21	3	.....	76	73	.....	3	18	15	.....	3	75	72	.....	3	.....	.....	.....	.....
.....	.....	.....	.....	164	164	1	.....	5	4	.....	1	212	210	.....	2	.....	.....	.....	31
108	108	.....	.....	100	86	1	14	24	24	1	.....	190	186	4	4	.....	.....	.....	.....
136	136	.....	.....	187	187	.....	.....	69	69	.....	.....	180	180	.....	.....	.....	.....	.....	5
42	42	.....	.....	49	49	.....	.....	1	1	.....	.....	128	128	.....	257	257	.....	.....	.....
107	107	.....	.....	69	68	.....	1	52	41	.....	11	185	179	.....	6	.....	.....	.....	.....
510	490	20	.....	793	754	2	39	191	159	1	32	1237	1179	4	58	257	257	.....	36
.....	.....	.....	.....	35	32	.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	31

LATION.

5647	5550	235	97	7527	7439	1027	88	871	843	129	28	13628	13455	2080	173	7921	7912	2380	9	5	5	.....
2836	2821	301	15	3116	3096	113	20	176	158	4	18	2853	2839	105	14	1296	1296	.....	25	25	.....	.....
198	196	8	.....	496	493	20	3	60	60	3	.....	413	403	27	10	108	108	.....	20	20	.....	.....
510	490	20	.....	793	754	2	39	191	159	1	32	1237	1179	4	58	257	257	.....	36	31	.....	5
.....	.....	.....	.....	35	32	.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
9189	9057	644	132	11967	11814	1161	153	1298	1220	137	78	18132	17876	2216	256	9582	9573	2380	9	86	81	.....

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the Fiscal Year

DIVISIONS.	DOMINION WEIGHTS.															
	Avoirdupois.															
	60 lbs.	60 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.
<i>Ontario.</i>																
Algoma.....						5	14	25	5	21	16	15	13	11	3	2
Brant.....					98	205	130	428	401	99	78	79	78	74	56	9
Brockville.....					5	152	185	506	668	1274	1378	1235	1214	1230	111	1
Bruce.....				4	6	206	170	408	347	181	102	101	100	97	97	1
Dundas.....																
Durham.....						134	162	358	343	211	96	90	77	60	47	10
Elgin.....					23	232	164	890	813	42	40	40	46	37	32	4
Essex.....		3	21		72	85	59	247	228	105	72	71	68	27	6	2
Glengarry.....						1	189	540	509	67	37	28	21	14	8	5
Grey.....			3			1	180	191	476	444	209	140	138	139	100	7
Halton.....				7	134	299	215	630	553	161	98	90	88	57	30	1
Hamilton City.....			22			3	479	775	2489	2615	2182	1497	1490	1493	1476	1
Hamilton (Dundas).....					3	29	13	89	88	58	41	40	40	38	35	2
Hastings.....		1	2	2		78	72	408	364	80	68	57	59	49	25	1
Huron.....					1	58	38	89	93	40	19	6	5	19	1	2
Kent.....				2	14	164	126	465	486	220	77	71	71	63	56	1
Kingston.....		1	1	1	5	82	96	527	525	223	131	129	125	111	87	2
Lambton.....					21	111	150	400	307	82	45	49	48	39	31	2
Lanark.....								4	5							1
Lennox.....						9	16	61	73	30	30	29	29	30	18	1
London.....		3		20	27	221	203	692	599	359	215	205	196	166	148	2
Middlesex.....						275	228	635	599	302	126	114	117	113	98	2
Muskoka.....						29	46	230	163	71	43	43	43	42	41	2
Niagara.....					1	81	29	245	288	180	91	85	86	76	65	1
Norfolk.....						62	57	193	169	41	23	23	17	16	12	5
Northumberland.....						154	211	493	476	141	51	51	39	45	36	6
Ontario.....		10		7	8	368	497	1105	969	256	133	144	128	133	105	6
Ottawa.....					18	78	109	647	623	1018	998	960	969	908	129	2
Oxford.....					63	168	217	840	798	103	53	52	55	48	36	6
Peterborough.....			2	34	34	54	128	378	410	139	51	49	44	33	20	4
Prince Edward.....						178	175	472	449	14	13	12	9	9	4	7
Renfrew.....						73	185	394	433	92	49	57	48	34	10	6
Simcoe.....				3	2	224	285	998	755	155	81	92	95	88	54	1
Stratford.....				1	4	37	138	209	144	21	15	15	12	10	1	19
Toronto.....		61		2	5	609	873	2360	2047	1352	865	846	828	753	498	5
Victoria.....						35	48	320	318	116	97	95	99	87	61	2
Waterloo.....				2	9	116	112	372	335	61	40	40	36	29	23	3
Wellington.....					1	16	251	194	614	545	156	47	46	44	24	4
Welland.....				1		29	80	94	57	68	89	54	55	47	31	7
York.....			5	2	12	141	254	770	732	135	132	132	133	123	119	4
Total.....	104	32	88	614	5743	6846	21064	19687	10086	7145	6874	6761	6334	3695	129	

D.

Measures of each Denomination, brought for Inspection, in each Inspection Division, ended 30th June, 1877.

		TOLERATED WEIGHTS.							LINEAL MEASURES.							Total Number brought for Verification.	Irregular Weights brought for Verification.		
		Avoirdupois.																	
1 dr.	# dr.	Total Number brought for Verification.	56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number brought for Verification.	Yard.	½ Yard.	2 Feet.	1 Foot.	½ Foot.			100 Feet Chains.	Tape or Ribband.
2	3	135					20	34	53	107								1	66
		1726		1	17	12	181			211	103							104	167
3		7970	1	2	1	3	170			177	696							696	48
2		1822					7	82	72	161	70						1	71	261
								2	3	3	8							1	27
11	3	1602			1	7	212	81	101	410	98							98	204
5	1	2369	8		7	17	177			201	88							88	
		1084				6	86			92	40							40	5
1		1417			5	31	243			279	38							38	
7	4	2106			1	8	242			251	77							77	532
5	2	2376	2	1	3	7	218			231	52							52	
1		15893			2	122	617			741	246							246	1233
		474		1	2	7	49			59	25							25	
1		1268		2	5	13	140	2		162	134							134	
		367			1		19			20	30							30	
		1823		1	3	15	223	68	64	374	28							28	291
		2045		4	16	27	338			385	157							157	
		1285				3	94			97	34							34	99
	9				1		4			5									
1	1	328				1	60	109	93	263	31							31	
		3054	1	2	7	34	283			327	131							131	284
2	1	2610		1	15		153	48		217	499							499	279
2		755			1	2	51			54	25							25	18
		1227				3	69	40		113	19							19	169
		613	5	3	3	5	45			61	74							74	
4	2	1708		1	5	15	159			180	110							110	256
6	2	3877	4	1	10	25	292			332	127							127	229
2		6461	1	4	22	53	354	20	3	457	823							823	
3	6	2451			1	4	179	57		241	48	46						48	94
1		1381			6	32	124	74		236	17							17	
		1335	2	29	9	8	112			160	16		6					16	96
3	3	1378			2	13	71			86	5							5	
5	1	2854		4		8	251			263	93							93	3
		607		1	1	3	42	30		77	1		1			1		1	3
29	2	11149	22	58	89	195	640	227		1231	1239		1		1	2	4	1247	610
5	1	1287		8	6	11	226			251	184		21	1			1	207	2441
1		1178			1	10	75	23		109	50							50	
1	2	1990		1	2	7	193			203	169							169	
2	1	657			8	14	239	513	464	1238	3							3	445
11		2708	47	24	34	87	294			486	38							38	195
122	35	95359	93	149	287	815	7029	1401	781	10555	5559	46	23	7	1	5	6	5647	7948

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Linear Division, during the Fiscal

DIVISIONS.	DOMINION WEIGHTS.																	
	Avoirdupois.																	
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.	1 dr.	$\frac{1}{2}$ dr.
<i>Quebec.</i>																		
Beauce.....							4	14	19	4	3	3	3	4				
Beauharnois.....	21	1	9	11	6	164	166	120	119	115	114	107	71					
Bell-chasse.....	6		1	24	28	61	61	45	45	45	44	44	1					
Berthier.....			7	27	35	87	84	74	74	72	62	61	24					
Chambly.....			4	48	86	244	222	136	114	87	82	74	62					
Champlain.....				1	21	23		6	2	2	2	1	1					
Drummond.....					8	23		58	20	17	18	17	7	6				
Gaspé..... Nil.																		
Hull (Pontiac).....			3	20	49	84	83	7	6	6	8	5						
Hull (City).....	4		3	4	5	89	89	44	43	39	39	38	35					
Iberville.....		5	13	164	93	270	257	130	94	90	92	86	43					
Joliette.....			4	13	13	18	22	89	89	86	84	80	69					
Kamouraska.....	1			2	2	22	21	6	6	6	6	5						
Labrador..... Nil.																		
Laval.....					23	40	50	55	19	19	19	18	16	16				
Lévis.....	1				39	55	160	166	141	134	103	86	22	1				
Lotbinière.....						1	83	85	16	12	12	10	6	2				
Missisquoi.....								84	81	81	80	78	78					
Montmagny.....	3				1	2	78	74	19	14	11	9	6					
Montmorenci.....	1	1					22	22	2	3	4	3	1					
Montreal.....	25	6	19	549	602	1528	2196	1343	924	925	878	779	524	12	12			
Quebec.....	89	20	23	39	164	233	517	545	524	502	503	474	441	67				
Richelieu.....	13	6	5	13	20	18	154	134	88	83	83	65	60	12				
Rimouski.....																		
Saguenay.....						3	151	172	147	113	110	94	43	16				
Sherbrooke.....					74	116	492	432	236	73	73	72	69	62	3	6		
St. Hyacinthe.....					13	18	41	67	15	15	15	15	15	7	1	1	1	
Terrebonne.....					2	1	3	3	8	7	7	7	7	4				
Three Rivers.....					15	36	193	193	107	87	53	88	80	26				
Total.....	164	26	41	115	1221	1470	4546	5191	3468	2682	2567	2454	2145	1128	22	19	1	

D—Continued.

Measures of each Denomination, brought for Inspection in each Inspection—  
Year ended 30th June, 1877.

Total Number brought for Verification.	TOLERATED WEIGHTS.							Total Number brought for Verification.	LINEAL MEASURES.							Total Number brought for Verification.	Irregular Weights brought for Verification.		
	Avoirdupois.								Yard.	½ Yard.	2 Feet.	1 Foot.	½ Foot.	100 Feet Chains.	66 Feet Chains.			Tape or Riband.	
	56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.												
54	1	1	1	2	14	.....	.....	19	30	.....	.....	.....	.....	.....	.....	.....	.....	30	.....
1024	6	4	8	15	146	.....	.....	179	82	.....	.....	.....	.....	.....	.....	.....	.....	82	.....
406	16	9	9	18	37	.....	.....	89	16	.....	.....	.....	.....	.....	.....	.....	.....	16	.....
607	.....	1	.....	5	56	.....	.....	62	45	.....	.....	.....	.....	.....	.....	.....	.....	45	.....
1159	.....	1	12	24	156	.....	.....	193	15	.....	1	.....	.....	.....	.....	.....	.....	15	.....
59	.....	.....	.....	.....	9	6	.....	15	3	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
174	4	2	7	9	142	201	206	571	50	49	49	.....	49	34	.....	.....	.....	231	.....
271	.....	.....	1	.....	31	.....	.....	32	39	.....	.....	.....	.....	.....	.....	.....	.....	39	24
432	.....	.....	.....	4	82	4	.....	90	18	.....	.....	.....	.....	.....	.....	.....	.....	18	.....
1337	12	3	2	2	.....	.....	.....	19	16	.....	.....	.....	.....	.....	.....	.....	.....	16	.....
567	2	9	10	18	98	91	79	307	40	.....	1	.....	.....	.....	.....	.....	.....	43	12
77	5	6	9	10	20	.....	.....	50	13	.....	.....	.....	.....	.....	.....	.....	.....	13	.....
275	.....	.....	.....	2	24	7	.....	33	2	.....	.....	.....	.....	.....	.....	.....	.....	2	12
908	10	7	13	22	97	.....	.....	149	11	.....	.....	.....	.....	.....	.....	.....	.....	11	.....
227	7	10	12	22	85	.....	.....	136	42	.....	.....	.....	.....	.....	.....	.....	.....	42	.....
482	.....	.....	6	9	118	433	418	984	22	.....	.....	.....	.....	.....	.....	.....	.....	22	729
217	21	23	21	18	74	.....	.....	157	35	17	17	.....	.....	.....	.....	.....	.....	70	.....
59	4	5	4	6	51	27	27	124	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
10322	1	7	51	131	895	.....	.....	1085	1292	.....	85	.....	.....	.....	.....	.....	.....	5	1382
4141	20	35	79	95	297	.....	.....	526	360	.....	.....	.....	.....	.....	.....	.....	.....	360	.....
754	1	4	13	9	153	.....	.....	180	22	.....	.....	.....	.....	.....	.....	.....	.....	22	.....
.....	16	10	13	9	43	43	44	178	17	.....	.....	.....	.....	.....	.....	.....	.....	17	.....
849	36	40	24	38	159	.....	.....	297	80	61	67	.....	.....	.....	.....	.....	.....	208	.....
1708	1	1	1	1	151	.....	.....	155	100	.....	.....	.....	.....	.....	.....	.....	.....	100	.....
224	.....	.....	2	2	17	.....	.....	22	3	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
49	.....	1	4	15	123	118	101	362	29	.....	.....	.....	.....	.....	.....	.....	.....	29	.....
878	.....	2	6	11	149	.....	.....	168	14	.....	.....	.....	.....	.....	.....	.....	.....	14	.....
27260	163	181	308	497	3227	930	876	6182	2398	127	220	.....	49	34	.....	8	.....	2836	777

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the Fiscal Year

DIVISIONS.	DOMINION WEIGHTS.																	
	Avoirdupois.																	
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.	1 dr.	1/2 dr.
<i>New Brunswick.</i>																		
Fredericton .....								79	70	22	18	20	17	12	5			
Kings .....								9	5	3	1	1						
Moncton .....	Nil.																	
Northumberland .....	"																	
Restigouche .....	"																	
St. John .....						5	2	430	406	378	370	332	256	140	52	2	3	1
Woodstock .....						1	3	39	39	7	5	5	5	6	3	1	1	
Total .....						6	5	557	520	410	394	358	278	158	60	3	4	1
<i>Nova Scotia.</i>																		
Annapolis .....								1	1	9	9	9	9	7				
Cape Breton .....								1	1	6	5	2	2	2	4			
Colchester .....						5	6	160	159	28	9	7	5	3	3			
Guysborough .....								72	70	4	6	5	5	1	1			
Halifax .....	78							189	179	115	96	73	43	28	12	1	2	
Hants .....	Nil.																	
Inverness .....	1						1	101	93	4	3	3	3	2	3			
Lunenburg .....				2			2	232	225	109	10	4	3	1				
Pictou .....					12		7	101	113	58	15	15	10	9	6	1	2	
Yarmouth .....								86	75	27	24	24	23	23	21	2	4	
Total .....	79			2	17	16		943	916	360	177	142	105	78	50	7	8	
<i>Manitoba</i> .....						2	3	39	32	9	6	5	5	5	3	2	2	

RECAPITU

Ontario .....	104	32	88	614	5743	6846	21064	19687	10086	7145	6874	6761	6334	3695	129	122	36	1
Quebec .....	164	26	41	115	1221	1470	4546	5191	3468	2682	2567	2454	2145	1128	22	19	1	1
New Brunswick .....					6	5	557	520	410	394	358	278	158	60	3	4	1	1
Nova Scotia .....	79			2		17	16	943	916	360	177	142	105	78	50	7	8	1
Manitoba .....					2	3		39	32	9	6	5	5	5	3	2	2	1
Total, Dominion .....	347	58	129	731	6972	8341	26183	26380	14912	10590	9982	9640	8747	4966	207	154	47	4



*D—Continued.*

Measures of each Denomination, brought for Inspection in each Inspection Division, ended 30th June, 1877.

Total Number brought for Verification.	TOLERATED WEIGHTS.								LINEAL MEASURES.								Total Number brought for Verification.	Irregular Weights brought for Verification.
	Avoirdupois.																	
	56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number brought for Verification.	Yard.	1/2 Yard.	2 Feet.	1 Foot.	1/2 Foot.	100 Feet Chains.	66 Feet Chains.	Tape or Riband.		
243		3	4	6	68			81	12			1					13	
19			1	1	2			4										
2377	2	2	19	54	367			444	173		1			1	2	4	181	98
115				1	26			27	2								2	10
2754	2	5	24	62	463			556	187		1	1		1	2	4	196	108
45		2	6	9	35	56	48	156	17									17
23	11	6	6	8	70	87		188	57		1							58
392				2	28	3		33	18									18
164	46	17	28	20	70			181	23							1		24
816	71	34	43	59	160			367										
214	148	70	50	46	95			409	108									108
588	14	8	17	27	177			243	126		5	5						136
349	2	2	4	8	16			32	42									42
309				1	25			26	106						1			107
2900	292	139	154	180	676	146	48	1635	497		6	5			1	1	510	257
113		1	1	1	28			31										

**L A T I O N .**

95395	93	149	287	815	7029	1401	781	10555	5559	46	23	7	1		5	6	5647	7948
27260	163	181	308	497	3227	930	876	6182	2398	127	220		49	34		8	2836	777
2754	2	5	24	62	463			556	187		1	1		1	2	4	196	108
2900	292	139	154	180	676	146	48	1635	497		6	5			1	1	510	257
113		1	1	1	28			31										
128386	550	475	774	1555	11423	2477	1705	18909	8641	173	250	13	50	35	8	19	9189	9090

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISIONS.	MEASURES OF CAPACITY.										Total Number brought for Verification.	Bushel.	Peck.	
	Dominion.													
	Bushel.	½ Bushel.	Peck.	Gallon.	½ Gallon.	Quart.	Pint.	½ Pint.	Gill.	½ Gill.				
<i>Ontario.</i>														
Algoma .....	8	7	7			5	3	1				31	3	
Brant .....		60	86	162	237	449	457	142				1,593		
Brockville .....				176	237	520	440	294	32	6		1,705		
Bruce .....		4	1	84	119	174	136	63	2	1		584		
Dundas .....					1	4	2					7		
Durham .....				123	172	278	257	86	13	10		939		
Elgin .....		1,058	710	123	210	345	286	57				2,789		
Essex .....				19	29	31	30	26				135		
Glengary .....				41	44	44	44	44	35	29		281		
Grey .....	2			116	148	157	145	100	100			768		
Halton .....		1	1	1								3		
Hamilton (City) .....	7	255	337	1,230	1,464	1,823	1,652	1,380	277	13		8,438		
Hamilton (Dundas) .....		24	34	63	65	78	60	51	6			381		
Hastings .....			5	118	158	328	255	122				986		
Huron .....		1	2	75	80	117	90	23	1			389		
Kent .....			4	150	158	199	203	52				767		
Kingston .....		77	97	260	312	645	531	337	17	4		2,280		
Lambton .....	1	15		41	56	78	62	56	1			310		
Lanark .....														
Lennox .....		340	318	354	58	87	85	54				1,296		
London .....	1	88	104	248	288	721	608	280				2,288		
Middlesex .....	4	35	33	182	264	364	341	142	6	6		1,367		
Muskoka .....		6		28	30	62	38	13	1	1		179		
Niagara .....	2	4	2	39	71	134	142	27	3	2		426		
Norfolk .....			80	185	242	179	59					745		
Northumberland .....				15		30						45	1	27
Ontario .....		1		155	238	308	240	61	1			1,004		
Ottawa .....		144	91	205	247	513	532	381	140			2,263		
Oxford .....	5	27	26	100	117	136	117	71	2	2		603		
Peterborough .....				69	82	91	82	76	1	1		402		
Prince Edward .....	2			17	46	90	63	27	7	1		253		1
Renfrew .....				45	73	99	114	66	1	1		399		
Simcoe .....	4			104	185	264	251	96	12			916		
Stratford .....		6	6	47	67	114	123	39	7			409		
Toronto .....		3	6	1,523	1,532	2,341	2,007	1,546	317	104		9,379		
Victoria .....	1	32	21	183	156	240	217	57				907		
Waterloo .....		21	16	140	113	209	235	69				603		
Welland .....		38	29	120	155	220	189	59	2	2		814		7
Wellington .....		73	47	114	194	324	306	168				1,326		2
York .....				43	46	72	66	44	13	1		285		
<b>Total .....</b>	<b>37</b>	<b>2,271</b>	<b>2,063</b>	<b>6,798</b>	<b>7,694</b>	<b>11,873</b>	<b>10,468</b>	<b>6,110</b>	<b>997</b>	<b>184</b>		<b>48,495</b>	<b>1</b>	<b>33</b>

D.—Continued.

Balances and Weighing Machines of each Denomination brought for Inspection in Fiscal Year ended 30th June, 1877.

Tolerated.							BALANCES.										Total Number brought for Verification.	Irregular Measures brought for Verification.			
Gallon.	½ Gallon.	Quart.	Pint.	½ Pint.	¼ Gill.	Total No. br't for Verification.	With Equal Arms.			Steelyards, with divided Arms.			Weigh-Bridges, or form Scales.								
							5 lbs and under.	5 to 50 lbs.	50 to 100 lbs.	100 lbs. upwards.	500 lbs. and under.	500 to 1,000 lbs.	1,000 to 2,000 lbs.	2,000 to 4,000 lbs.	2,000 lbs and under.	2,000 to 4,000 lbs.	4,000 to 6,000 lbs.	6,000 lbs. and upwards.			
13						68	8	21			4				44		1			78	
	13	21	14				38	137			14				172	90	17	9		477	3
							42	138			1				259	3	14			457	
							27	108	1		11	2	1		214	33	4	2		403	
								2							13					15	
							46	132	2	2	21		1		419	41	5	6		675	
							40	134		1	36	2			400	30	18			661	
							46	52			23	1	1		169	10	5	9		316	
							10	169			16	1			218	58	1			473	
							35	128			4				378	24	7	7		583	
							55	150			19	5	1		309	45	17			601	
							469	406			92				1,206	61	25	3		2,262	
							11	30			1				41	5	1			89	
							141	12	3	3	18		1		254	21	12			465	
							4	15			2				42	11	2			76	
							48	151	2		3				332	20	6	8		570	
							98	320	6		2				245	25	14			710	
							40	93			3	3			230	5	14			388	
								7												7	
							9	15	24		15				177	5	4			249	
							219	57			26	9	1		432	30	38			812	
								154			19	1			423	40	12	9		702	
							14	40			1				89	2	2			148	
							36	85			1	5			191	10	2	2		332	
							23	19	1		3	1	1		108	5				161	
58						289	116	48			56	2	6	2	304	14	23			571	
							87	182	1	1	8		1	1	592	55	19			947	
							58	352	4		3				392	23	13			845	
							28	157			61	1			403	38	6	10		704	
							31	104	2		12	2	1		222	13	2			389	
							17	77			28				238	14	16			390	
49	56	51	52	13	13	13	248	26	69	1	3	4	1	1	240	10	4			359	
							39	166	1	2	20		1	1	503	5	20			758	
							26	38			6				88					158	
12	50	50	50	50		212	187	689			110	5	1	1	985	88	28	67		2,141	
							33	179		3	99				639	34	12	5		1,004	2
							25	73			8	1			186	10	3	1		307	
							162	80	16	1	2	3			340	30	23	1		658	
10	7	15	12	3		56	42	135	2		6		2		257	33	17			494	
							77	185		2	34	2	2	2	327	31	20			682	
142	163	217	173	67	13	14	873	2,457	5,089	66	15	791	45	22	13	12,081	973	426	139	22,117	

APPENDIX

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISION.	MEASURES OF CAPACITY.														
	Dominion.														
	Bushels.	½ Bushels.	Peck.	Gallon.	½ Gallon.	Quart.	Pint.	½ Pint.	Gill.	½ Gill.	Total No. br't for Verification.	Bushel.	½ Bushel.	Peck.	Gallon.
<i>Quebec.</i>															
Beauce.....		1	1	26	60	63	63	62	53	.....	329	.....	.....	.....	.....
Beauhernois.....				177	183	191	188	179	174	28	1120	.....	.....	.....	.....
Bellechasse.....				15	16	16	16	16	2	1	82	.....	.....	.....	.....
Berthier.....	15	4	170	185	223	248	187	154	127	.....	1313	.....	.....	.....	.....
Chambly.....				89	117	143	142	130	70	23	714	.....	.....	.....	.....
Champlain.....		13	1	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....
Drummond.....		10	6	35	66	77	69	48	29	7	347	.....	10	.....	.....
Gaspé.....	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hull (Pontiac).....				29	62	72	68	39	23	.....	293	.....	.....	.....	.....
Hull (City).....				41	49	63	66	53	29	.....	301	.....	19	23	.....
Iberville.....		10	7	117	143	168	152	137	123	25	872	.....	.....	.....	.....
Joliette.....		161	51	127	178	174	193	197	110	4	1195	.....	.....	.....	.....
Kamouraska.....				4	4	4	4	4	4	.....	24	.....	.....	.....	.....
Labrador.....	Nil.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laval.....				15	15	15	15	15	4	.....	94	.....	.....	.....	.....
Lévis.....		16	11	51	58	116	168	139	64	1	614	.....	.....	.....	.....
Lotbinière.....				6	6	6	6	6	6	.....	36	.....	.....	.....	.....
Missisquoi.....		19	18	36	36	36	36	36	36	.....	253	.....	.....	.....	.....
Montmagny.....				.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montmorenci.....				1	1	1	1	1	1	1	7	.....	.....	.....	.....
Montreal.....		95	167	1318	1114	1601	1767	1213	984	155	8414	.....	.....	.....	.....
Quebec.....	4	38	41	414	443	575	757	718	518	172	3680	.....	.....	.....	.....
Richelieu.....		46	13	97	97	128	145	136	78	.....	740	.....	.....	.....	.....
Rimouski.....				5	5	5	5	5	5	5	35	.....	.....	.....	.....
Saguenay.....		105	.....	.....	.....	.....	.....	.....	.....	.....	105	.....	.....	.....	16
Sherbrooke.....		37	30	57	97	136	112	73	33	23	598	.....	.....	.....	.....
St. Hyacinthe.....		34	32	54	58	58	54	57	57	.....	404	.....	.....	.....	.....
Terrebonne.....				8	8	8	8	8	8	.....	40	.....	.....	.....	.....
Three Rivers.....		19	6	74	76	90	88	88	30	.....	471	.....	.....	.....	.....
Total.....	19	608	554	2982	3118	3984	4300	3514	2571	449	22096	.....	29	23	19

D.—Continued.

Balances and Weighing Machines of each Denomination brought for Inspection in Fiscal Year ended 30th June, 1877.

Tolerated.							BALANCES.											Total Number brought for Verification.	Irregular Measures brought for Verification.	
½ Gallon.	Quart.	Pint.	½ Pint.	Gill.	½ Gill.	Total No. br't for Verification.	With Equal Arms.				Steelyards, with Divided Arms.				Weigh-Bridges, or Platform Scales.					
							5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.		
								1	4			1	2			4			12	
								5	142	3		3	1			215	1	10	380	
								1	55							28			92	
								3	50			1				41	4		99	
								18	103	1		1				71	3	3	200	
								10								4			14	
7						36		37	48		1	31	4	35	1				157	
								3	16							97	1	4	121	
								7	61	3		2				66	2	1	142	
								3	121	1		2	3			100	4	4	238	
								2	55			2	3			81			143	
								11	9			3	8	5					36	
								1	20							28	4		53	
								12	85			2	3	4		25			131	
								23	26			1				20			70	
								11	103	2						334	1		451	
								40	19	8		2	9	6					84	
								2	26			2				10			40	
								118	52	23		3	38	1		770	50	15	1970	
								20	232	3		1			1	174	14		445	
								50	55	1		1				42			149	
								3	37			1	2			23			66	
15								33	105			1	9			54			195	
						52		46	67							402	5	7	565	
								6	12			1				24			43	
								86	13							64			163	
								39					7			39	1		86	
24	23	5	13	6	1	143	500	2428	124	31	147	20	35	2	2716	90	44	8	6145	

APPENDIX

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISIONS.	MEASURES OF CAPACITY.														
	Dominion.														
	Bushel.	$\frac{1}{2}$ -Bushel.	Peck.	Gallon.	$\frac{1}{2}$ -Gallon.	Quart.	Pint.	$\frac{1}{2}$ -Pint.	Gill.	$\frac{1}{2}$ -Gill.	Total No. br't for Verification.	Bushel.	$\frac{1}{2}$ -Bushel.	Peck.	Gallon.
<i>New Brunswick.</i>															
Fredericton.....															
Kings.....															
Moncton..... Nil.															
Northumberland..... "															
Restigouche..... "															
St. John.....		12		23	23	23	23	23	23	18	168				
Woodstock.....															
Total.....		12		23	23	23	23	23	23	18	168				
<i>Nova Scotia.</i>															
Annapolis.....															
Cape Breton.....												38	9		33
Colchester.....		1									1	1	1		4
Guysborough.....		24		20	20	20	20	20			144				
Halifax.....		3		8	7	9	5	2	1		35		1	1	56
Hants..... Nil															
Inverness.....		35	7	103	149	169	102	90	61		716				
Lunenburg.....		18	7	16	22	11	1				75	111	44		204
Pictou.....												3	2		4
Yarmouth.....		1		24	43	48	28	4	1		149	23	18	9	45
Total.....		82	14	171	241	257	156	116	83		1120	23	172	66	345
<i>Manitoba.</i> .....	4	1		40	40	53	41	40	1		220				

RECAPITU

Ontario .....	37	2271	2063	6798	7694	11873	10468	6110	997	184	48495	1	33	50	143
Quebec .....	19	608	554	2982	3115	3984	4300	3514	2571	449	22096		29	23	19
New Brunswick .....		12		23	23	23	23	23	23	18	168				
Nova Scotia.....		82	14	171	241	257	156	116	83		1120	23	172	66	345
Manitoba .....	4	1		40	40	53	41	40	1		220				
Total, Dominion	60	2974	2631	10014	11113	16190	14988	9803	3675	651	72099	24	234	139	506

D.—Continued.

Balances and Weighing Machines of each Denomination brought for Inspection in Fiscal Year ended 30th June, 1877.

Tolerated.						BALANCES.															
						With Equal Arms.				Steelyards, with Divided Arms.				Weigh-Bridges, or Platform Scales.					Total Number brought for Verification.	Irregular Measures br't for Verification.	
1/2-Gallon.	Quart.	Pint.	1/2-Pint.	Gill.	1/2-Gill.	Total No. br't for Verification.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.			Total Number brought for Verification.
								6	58		1	5				67			1	136	
								4				1	1			2				8	
							390	11				50			243	41		3		738	20
							13	15				3			56					87	
							413	82		1	59	1			368	41	3	1	969	20	
							25	19			2				43	1				90	
33	32	24	3	3		174	7	66		2	18	1			124		2		220		
3	3	1	1	1		15	3	26			1				97				127		
							16	43	1	16	17	1			76				169		
47	37	27	16	8		193	27	123	7	7	1		4		195	13	4		381	31	
							40	34		26	24				187	1	2		314		
244	184	70	14	2		873	29	154	1	3	69				177	1	2		436	5	
6	6	2	1			24	45	3	1		1				127	1			178		
57	38	21	5			216	31	38			50	2			174		11		306		
390	300	145	40	14		1495	223	506	10	54	183	4	4		1199	17	21		2221	36	
							5	26	4						1				36		

LATION.

163	217	173	67	13	14	873	2457	5089	66	15	791	45	22	13	12081	979	426	139	22117	5	
24	23	5	13	6	1	143	500	2428	124	31	147	20	35	2	2716	90	44	8	6145		
							413	82		1	59	1			368	41	3	1	969		
390	300	145	40	14		1494	223	506	10	54	183	4	4		1199	17	21		2221	36	
							5	26	4						1				36		
577	530	323	120	33	15	2511	3598	8131	204	101	1180	70	61	15	16365	1121	494	148	31488	41	

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the Fiscal Year

DIVISIONS.	DOMINION WEIGHTS.															
	Avoirdupois.															
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.
<i>Ontario.</i>																
Algoma.....						5	14	25	5	21	16	15	13	11	3	2
Brant.....					97	205	130	428	401	99	78	79	79	74	56	
Brockville.....					5	171	225	602	769	1159	1245	1226	1236	1230	100	
Bruce.....				4	6	206	170	408	347	181	102	101	100	97	1	
Durham.....						134	162	358	343	211	96	90	77	60	47	10
Dundas.....																
Elgin.....					23	232	164	890	810	42	40	40	46	37	32	4
Essex.....		3		21	72	85	59	247	228	105	72	71	68	27	6	2
Glengarry.....						1	189	540	509	67	37	28	21	14	8	2
Grey.....		3				1	180	191	476	444	209	140	138	139	100	69
Halton.....				7	134	299	215	630	553	161	98	90	88	57	30	7
Hamilton (City).....		22				3	479	775	2488	2514	2181	1496	1490	1492	1476	1470
Hamilton (Dundas).....					3	29	13	88	88	58	41	40	40	38	35	2
Hastings.....		1	2	2		78	72	408	364	80	68	57	59	49	25	
Huron.....					1	58	36	89	93	40	19	6	5	19	1	2
Kent.....				2	14	164	126	465	486	220	77	71	71	63	56	1
Kingston.....		1	1	1	5	82	96	527	525	223	131	129	125	111	87	1
Lambton.....					21	111	150	400	307	2	45	49	48	39	31	2
Lanark.....								4	5							1
Lennox.....						9	16	61	73	30	30	29	29	30	18	
London.....		3		20	27	221	201	689	595	358	215	205	196	166	129	2
Middlesex.....						274	228	635	599	302	126	114	114	113	96	2
Muskoka.....						29	46	228	162	71	43	43	43	42	41	2
Niagara.....					1	81	29	242	286	180	91	85	86	76	65	
Norfolk.....						62	52	167	148	35	16	17	11	10	6	
Northumberland.....						154	211	493	476	141	51	51	39	45	36	5
Ontario.....		10		7	8	368	497	1105	969	251	129	139	123	129	104	6
Ottawa.....					18	76	109	647	623	1013	991	962	964	905	129	3
Oxford.....					63	168	217	840	798	103	56	52	55	48	36	6
Peterborough.....			2	34	34	54	128	377	410	139	51	49	44	33	20	4
Prince Edward.....						178	175	472	439	14	13	12	9	9	4	
Renfrew.....						74	185	394	433	92	49	47	48	34	10	7
Simcoe.....				3	2	124	318	998	729	255	92	92	94	82	54	6
Stratford.....					2	30	49	225	203	28	15	15	15	12	10	
Toronto.....		61		2		458	807	2033	2077	1637	929	851	838	768	530	118
Victoria.....						35	48	330	318	116	97	95	99	77	61	5
Waterloo.....			2	2	48	114	170	367	269	43	40	40	35	26	19	4
Welland.....			1		29	80	94	57	68	89	54	55	47	45	31	3
Wellington.....				1	16	251	194	614	545	156	47	46	46	44	24	3
York.....			5	2	12	141	254	770	732	135	132	132	133	123	119	7
Total.....		104	13	108	655	5496	6815	20820	19742	10327	7068	6841	6775	6319	3695	220



D.—Continued.

Measures of each Denomination, Inspected and Verified in each Inspection Division, ended 30th June, 1877.

		TOLERATED WEIGHTS.								LINEAL MEASURES.								Irregular Weights Verified.		
		Avoirdupois.																		
1 dr.	2 dr.	Total Number Verified.	56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number Verified.	Yard.	1/2 Yard.	2 Feet.	1 Foot.	1/2 Foot.	100 Feet Chains.	66 Feet Chains.		Tape or Riband.	Total Number Verified.
2	3	135						20	34	53	107								1	68
		1,726		1	17	12		181			211	103							104	167
2		7,958	1	2	1	3		169			176	696							696	48
11		1,822			1	9		151			161	70							71	261
	3	1,602	8		1	7		212	81	101	410	96	2						98	27
5	1	2,366			4	16		115	66		201	87							87	27
1		1,064				6		86			92	40							40	5
7		1,417			5	31		243			279	38							38	
5	4	2,106			1	6		222	2	20	251	77							77	532
1	2	2,376	2	1	3	7		218			231	52							52	
		15,888			2	120		614			736	246							246	1233
1		473		1	2	7		49			59	20	5						25	
		1,268		2	5	13		140	2		162	134							134	
		367			1			19			20	30							30	
		1,823		1	3	15		223	68	64	374	28							28	291
		2,045		4	16	27		338			385	157							157	
		1,285				3		94			97	34							34	99
1	1	9				1			4		5									
		328				1		60	109	93	263	31							31	
2	1	3,025	1	2	7	34		281			325	107							107	284
2		2,607		1		18		198			217	439							439	279
		752			1	2		51			54	25							25	18
		1,227			1	2		105			108	19							19	159
4	2	524	5	3	2	4		39			53	74							74	
6	2	1,708		1	5	15		159			180	104							104	256
3	2	3,853	4	1	10	25		292			332	127							127	229
3	3	6,433	1	3	23	48		368			443	815							815	
1	6	2,451			1	4		179	57		241	46	46						46	94
		1,380			7	32		196			235	17							17	
3	2	1,335	2	29	9	8		112			160	16		6					16	96
5	1	1,378			2	13		71			86	5							5	
		2,854			4	8		251			263	93							93	3
		607				4		71	227		75	1							1	
25	12	11,146	22	58	89	195		640			1231	1239		1	1				1247	610
5	1	1,287			10	7		102	132		251	184		21	1				207	2441
1		1,178			1	11		97			109	50							50	
2	1	657			8	14		239	513	464	1238	3							3	
11	2	1,990		1	2	7		193			203	169							169	445
		2,708	47	24	34	87		294			486	38							38	195
116	44	95,158	93	135	278	822		7093	1297	798	10516	5513	53	23	8				5608	7948

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the Fiscal Year

DIVISIONS.	DOMINION WEIGHTS.														Total Number Verified.				
	Avoirdupois.																		
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.		4 drs.	2 drs.	1 dr.	½ dr.
<i>Quebec.</i>																			
Beauce .....							4	14	19	4	3	3	3	4					54
Beauharnois .....	21	1			9	7	5	109	166	140	118	115	114	109	75	35			1024
Bellechasse .....	6				1	24	28	61	61	45	45	45	45	44	1				406
Berthier .....					7	27	35	87	84	74	74	72	62	61	24				607
Chambly .....					4	48	86	240	221	136	113	85	80	72	60				1146
Champlain .....							1	21	23	6	2	2	2	1	1				69
Drummond .....							8	23				58	20	17	18	17	7	6	174
Gaspé .....																			
Hull (Pontiac) .....					3	20	49	84	83	7	6	6	8	5					271
Hull (City) .....	4				3	4	5	85	87	43	43	39	39	37	36				424
Iberville .....			5		13	164	93	270	257	130	94	90	92	86	85				1379
Joliette .....					4	13	13	18	22	88	88	86	84	80	69				565
Kamouraska .....	1					2	2	22	21	6	6	6	6	5					77
Labrador .....																			
Laval .....						23	40	60	55	19	19	19	18	16	16				275
Levis .....	1					39	50	160	166	141	134	93	86	22	1				693
Lotbinière .....							1	83	85	16	12	12	10	6	2				227
Missisquoi .....										84	81	81	80	78	78				462
Montmagny .....	3					1	2	78	74	19	14	11	9	6					217
Montmorency .....	1	1						22	22	2	3	4	3	1					69
Montreal .....	25	6	19		548	602	1526	2193	1341	922	923	875	779	524	12	12			10807
Quebec .....	89	20	23		39	164	233	517	545	524	522	503	474	441	67				4181
Richelieu .....	13	6	5		13	20	18	154	134	87	82	82	65	60	12				751
Rimouski .....																			
Saguenay .....							3	151	172	147	113	110	94	43	16				849
Sherbrooke .....						74	116	492	432	236	73	73	72	69	62	3	6		1708
St. Hyacinthe .....						13	18	41	67	15	15	15	15	15	7	1	1	1	224
Terrebonne .....						2	1	3	3	8	7	7	7	4					49
Three Rivers .....						14	36	193	203	107	87	84	88	80	26				918
Total .....	164	26	41		115	1215	1464	4481	5195	3483	2696	2593	2449	2144	1172	67	19	1	27906

D.—Continued.

Measures of each Denomination, Inspected and Verified in each Inspection Division, ended 30th June, 1877.

TOLERATED WEIGHTS.								LINNAL MEASURES.								Irregular Weights Verified.		
Avoirdupois.																		
56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number Verified.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	$\frac{1}{2}$ Foot.	100 Feet Chains.	66 Feet Chains.	Tape or Ribband.		Total Number Verified.	
1	1	11	2	14			19	30									30	
4	8	11	64	86			179	32									32	
16	9	9	18	37			89	16									16	
	1		5	56			62	45									45	
	1	12		150			187	12									12	
				9	6		15	3									3	
3	4	8	71	155	205	125	571	50	49	49	49	34				231		
		1	31				32	39									39	24
			4	78	4		86	18									18	
12	3	2	2				19	16									16	
12	9	10	18	98	91	79	317	40		1				2			43	12
5	6	9	10	20			60	13									13	1
			2	24	7		33	2									2	12
10	7	13	22	97			149	11									11	
7	10	12	22	85			136	42									42	
		6	9	118	433	418	934	22									22	729
21	23	21	18	74			157	35	17	17					1		70	
4	5	4	6	51	27	27	124	2									2	
1	7	51	131	895			1085	1289		85					5		1379	
20	33	79	95	297			524	353									353	
1	4	13	9	153			180	22									22	
16	10	13	9	43	43	44	178	17									17	
36	40	24	38	159			297	80	61	67							208	
1	1	1	1	151			155	100									100	
		2	2	17		1	22	3									3	
	1	4	15	121	116	99	356	28									28	
	2	6	11	149			168	14									14	
170	185	312	639	3137	932	793	6168	2384	127	219	49	34		2	6	2821	778	

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the Fiscal Year

DIVISIONS.	DOMINION WEIGHTS.															
	Avoirdupois.															
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.
<i>New Brunswick.</i>																
Fredericton.....								79	70	22	18	20	17	12	5	
Kings.....								9	5	3	1	1				
Moncton..... Nil																
Northumberland..... "																
Hestigouche..... "																
St. John.....						5	2	430	406	378	370	332	256	140	52	3
Woodstock.....						1	3	39	39	7	5	5	5	6	3	1
Total .....						6	5	557	520	410	394	358	278	158	60	3
<i>Nova Scotia.</i>																
Annapolis.....								1	1	9	9	9	9	7		
Cape Breton.....										2	2	2	2	4	6	
Colchester.....						5	6	174	155	23	7	7	7	5	3	
Guysborough.....								72	68	2	4	4	4			
Halifax.....		78						189	179	115	96	73	43	28	12	1
Hants..... Nil																
Inverness.....		1					1	97	90	4	3	3	3	2	3	
Lunenburg.....							2	232	225	109	10	4	3	1		1
Pictou.....						12	7	101	113	58	15	15	10	9	6	2
Yarmouth.....								86	75	27	24	24	23	23	21	1
Total .....		79				17	16	952	906	349	170	141	104	79	51	4
Manitoba.....						2	3	39	32	8	5	4	5	5	3	3

RECAPITUL

Ontario.....	104	13	108	655	5496	6815	20820	19742	10327	7068	6841	6775	6319	3695	220
Quebec.....	164	26	41	115	1215	1464	4481	5195	3483	2606	2583	2448	2144	1172	57
New Brunswick.....				6	5	557	520	410	394	358	278	158	60	3	
Nova Scotia.....	79			17	16	952	906	349	170	141	104	79	51	4	
Manitoba.....				2	3	39	32	8	5	4	5	5	3	3	
Total for Dominion.....	347	39	149	770	6736	8303	26849	26395	14577	10333	9927	9611	8705	4981	286

D.—Continued.

Measures of each Denomination, Inspected and Verified in each Inspection Division, ended 30th June, 1877.

TOLERATED WEIGHTS.											LINEAL MEASURES.								Irregular Weights Verified.
Avoirdupois.																			
1 dr. 1/2 dr.	Total Number Verified.	56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number Verified.	Yard.	1/2 Yard.	2 Feet.	1 Foot.	1/2 Foot.	100 Feet Chains.	66 feet Chains.	Tape or Ribband.	Total Number Verified.	
.....	243	.....	3	4	6	68	.....	.....	81	12	.....	.....	1	.....	.....	.....	.....	13	
.....	19	.....	.....	1	1	2	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
3 1	2377	2	2	19	54	367	.....	.....	444	173	.....	.....	1	.....	1	2	4	181	98
1	115	.....	.....	.....	1	25	.....	.....	26	2	.....	.....	.....	.....	.....	.....	.....	2	10
4 1	2754	2	5	24	62	462	.....	.....	555	187	.....	.....	2	.....	1	2	4	196	108
.....	45	.....	2	6	9	35	56	48	156	17	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	18	4	4	2	1	9	10	9	39	42	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	392	.....	.....	.....	2	28	3	.....	33	17	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	152	33	16	24	18	66	.....	.....	157	20	.....	.....	.....	.....	.....	.....	.....	.....	21
2	816	69	34	42	59	160	.....	.....	364	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	207	146	68	49	43	90	.....	.....	396	108	.....	.....	.....	.....	.....	.....	.....	.....	108
.....	588	14	8	17	27	177	.....	.....	243	126	.....	5	5	.....	.....	.....	.....	.....	136
2	349	2	2	4	8	16	.....	.....	32	42	.....	.....	.....	.....	.....	.....	.....	.....	42
4	309	.....	.....	.....	1	25	.....	.....	26	106	.....	.....	.....	.....	1	.....	.....	.....	107
8	2876	268	134	144	168	606	69	57	1446	478	.....	5	5	.....	1	1	490	287	
2	110	.....	1	1	1	28	.....	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

LATION.

116	44	95168	93	135	278	822	7093	1297	798	10516	5513	53	23	8	.....	7	4	5608	7948	
19	1	27305	170	185	312	639	3137	932	793	6168	2384	127	219	49	34	2	6	2821	778	
4	1	2754	2	5	24	62	462	.....	.....	555	187	.....	.....	2	.....	1	2	4	196	
8	.....	2876	268	134	144	168	606	69	57	1446	478	.....	5	5	.....	1	1	490	287	
2	.....	110	.....	1	1	1	28	.....	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	
149	46	128203	533	460	769	1692	11326	2298	1648	18716	8562	180	247	64	34	1	12	15	9115	9091

## APPENDIX

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISIONS.	MEASURES OF										Total Number Verified.
	Dominion.										
	Bushel.	½ Bushel.	Peck.	Gallon.	½ Gallon.	Quart.	Pint.	½ Pint.	Gill.	½ Gill.	
<i>Ontario.</i>											
Algoma.....	8	7	7			5	3	1			31
Brant.....		60	86	162	237	449	457	142			1593
Brockville.....				176	239	510	435	293	32	6	1691
Bruce.....		4	1	84	119	174	136	63	2	1	584
Durham.....				120	172	278	257	86	13	10	936
Dundas.....					1	4	2				7
Elgin.....		1044	709	123	202	345	286	57			2766
Essex.....				19	29	31	40	26			145
Glengarry.....				41	44	44	44	44	35	29	281
Grey.....	2			116	148	157	145	100	100		768
Halton.....		1	1	1							3
Hamilton (City).....	7	255	337	135	1435	1849	1646	1293	267	13	8438
Hamilton (Dundas).....		24	30	63	65	78	60	51	6		377
Hastings.....			5	118	158	328	255	122			986
Huron.....		1	2	75	80	117	90	23	1		389
Kent.....		1	4	149	157	198	202	51			762
Kingston.....		77	97	260	312	645	531	337	17	4	2280
Lambton.....	1	15		41	56	78	62	56	1		310
Lanark.....											
Lennox.....		340	318	354	58	87	85	54			1296
London.....	1	36	98	246	280	721	608	280			2270
Middlesex.....	4	35	23	182	264	364	341	142	6	6	1367
Muskoka.....		6	28	30	62	38	13	1	1		179
Niagara.....	2		4	23	45	76	128	120	20	2	420
Norfolk.....				77	182	238	174	57			728
Northumberland.....				15		30					45
Ontario.....		1		155	238	308	240	61	1		1004
Ottawa.....		144	91	205	247	513	542	381	140		2263
Oxford.....	5	27	26	94	111	131	111	65	2	2	574
Peterborough.....				69	82	90	82	76	1	1	401
Prince Edward.....				17	46	90	63	27	7	1	251
Renfrew.....				45	73	99	114	66	1	1	399
Simcoe.....	4			104	185	264	251	96	12		916
Stratford.....		6	6	47	67	114	123	39	7		409
Toronto.....		1		1523	1532	2329	2007	1546	417	104	9459
Victoria.....	1	31	21	183	156	240	217	57			906
Waterloo.....		20	17	140	113	209	235	69			803
Welland.....		38	29	120	155	220	189	59	2	2	1014
Wellington.....		73	47	214	194	324	306	168			1326
York.....				43	46	72	68	44	13	1	285
Total.....	35	2247	2187	6769	7591	11847	10546	6153	1104	183	48662

D.—Continued.

Balances and Weighing Machines of each Denomination, Inspected and Verified in Fiscal Year ended 30th June, 1877.

CAPACITY.										BALANCES.															
Tolerated.										With Equal Arms.				Steelyards, with Divided Arms.			Weigh-Bridges, or Platform Scales.			Total Number Verified.	Irregular Measures Verified.				
Bushel.	1/2 Bushel.	Peck.	Gallon.	1/2 Gallon.	Quart.	Pint.	1/2 Pint.	Gill.	1/2 Gill.	Total Number Verified.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.	Total Number Verified.	Irregular Measures Verified.	
3	4	13	13	15	13					61	8	21			4				44	1				78	
											36	137			12				227	40	6	3		461	3
											34	117			1				253	3	4			422	
											27	108	1		11	2		1	214	33	4	2		403	
											46	131	2	2	21				370	82	7	6		667	
											1								10					11	
											40	134	1	36	2				392	30	18			653	
											46	52		23	1				169	10	5	9		315	
											10	169		16	1				268	9				473	
											35	128		4					378	24	7	7		583	
											55	150		19	5	1			309	45	17			601	
											469	405		91					1206	61	25	3		2260	
											10	28		1					4	38	3	1		85	
											141	12	3	3	18		1		254	21	12			465	
											4	15							39	11	2			71	
											48	151	2	3					332	20	6	8		570	
											98	220	5						242	25	14			606	
											39	92		3	2				223	5	14			378	
											7													7	
											17	31		15					177	5	4			249	
											218	56		26	9		1		427	30	38			805	
											44	154		19	1				404	31	6	5		664	
											12	40							87	2	2			143	
											36	85		1		5			191	10	2	2		332	
											15	11	1	2	1	1			82	4				117	
											1	27	39	58	37	80	45	1	299	14	23			563	
											87	182	1	1	8		1	1	592	55	19	8		955	
											58	351	4	3					381	21	13			831	
											27	154	2	61	1				396	38	6	10		693	
											31	104	2	11	3				219	10	2			382	
											1	77		15					235	14	16			374	
											26	69	1	3	4	1	1		240	10	4			359	
											39	163	1	19		1	1		484	5	19			734	
											21	30		5					83					139	
											187	669		110	5	2			984	88	28	67		2140	
											31	175		99					638	34	12	5		994	
											25	73		8	1				186	10	3	1		307	
											162	80	16	1	2	3			337	30	23	1		655	
											42	135	2	6					257	32	17			492	
											77	185		2	34	2	2	2	327	30	20			681	
1	33	99	149	158	212	133	67	13	1	866	2441	4942	41	12	766	45	21	10	11960	931	411	138		21718	

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISIONS	MEASURES OF CAPACITY.													
	Dominion.													
	Bushel.	$\frac{1}{2}$ -Bushel.	Peck.	Gallon.	$\frac{1}{2}$ -Gallon.	Quart.	Pint.	$\frac{1}{2}$ -Pint.	Gill.	$\frac{1}{2}$ -Gill.	Total Number Verified.	Bushel.	$\frac{1}{2}$ -Bushel.	Peck.
<i>Quebec.</i>														
Beauce .....		1	1	26	60	63	63	62	53		329			
Beaubarnois.....				177	183	191	188	179	174	28	1120			
Bellechasse.....				15	16	16	16	16	2	1	82			
Berthier .....		15	4	170	185	223	248	187	154	127	1313			
Chambly.....				89	117	143	142	130	70	23	714			
Champlain.....		13	1	1							15			
Drummond.....		10	6	35	66	77	69	48	29	7	347		10	
Hull (Pontiac).....				26	56	68	64	36	23		273			
Hull (City).....			37	50	64	61	59	29	1		301		19	23
Iberville.....		10	7	117	143	158	152	137	123	25	872			
Joliette.....		161	51	127	178	174	193	197	110	4	1195			
Kamouraska.....				4	4	4	4	4	4		24			
Labrador.....	Nil													
Laval.....				15	15	15	15	15	15	4	94			
Lévis.....		16	11	51	58	116	158	139	64	1	614			
Lotbinière.....				6	6	6	6	6	6		36			
Missisquoi.....		19	18	36	36	36	36	36	36		253			
Montmagny.....														
Montmorenci.....				1	1	1	1	1	1	1	7			
Montreal.....		95	167	1318	1114	1601	1767	1213	984	155	8414			
Quebec.....	4	36	40	414	443	574	755	712	518	171	3667			
Richelieu.....		46	13	96	96	128	145	136	78		738			
Rimouski.....				5	5	5	5	5	5	5	35			
Saguenay.....		105									105			
Sherbrooke.....		37	30	57	97	136	112	73	33	23	598			
St. Hyacinthe.....		34	32	54	58	58	54	57	57		404			
Terrebonne.....				8	8	8	8	8	8		40			
Three Rivers.....		19	6	74	76	90	88	88	30		471			
<b>Total .....</b>	<b>4</b>	<b>617</b>	<b>424</b>	<b>2972</b>	<b>3085</b>	<b>3952</b>	<b>4348</b>	<b>3514</b>	<b>2570</b>	<b>575</b>	<b>22061</b>	<b>29</b>	<b>23</b>	



D.—Continued.

Balances and Weighing Machines of each Denomination, Inspected and Verified in Fiscal Year ended 30th June, 1877.

Tolerated.							BALANCES.										Total Number Verified.	Irregular Measures.			
							With Equal Arms.				Steelyards with Divided Arms.			Weigh-Bridges, or Platform Scales.							
Gallon.	$\frac{1}{2}$ -Gallon.	Quart.	Pint.	$\frac{1}{2}$ -Pint.	Gill.	$\frac{1}{4}$ -Gill.	Total Number Verified.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. & upwards.	Total Number Verified.	Irregular Measures.
.....	.....	.....	.....	.....	.....	.....	.....	5	.....	1	.....	2	.....	.....	.....	2	.....	.....	.....	10	.....
.....	.....	.....	.....	.....	.....	.....	.....	44	103	4	2	1	.....	.....	.....	215	2	9	.....	380	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	55	.....	8	.....	.....	.....	.....	28	.....	.....	.....	92	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	50	.....	.....	1	.....	.....	.....	40	4	.....	.....	96	.....
.....	.....	.....	.....	.....	.....	.....	.....	18	101	1	1	.....	.....	.....	.....	71	3	3	.....	198	.....
.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	14	.....
2	7	8	3	5	1	.....	36	3	82	.....	1	31	4	35	1	.....	.....	.....	.....	157	.....
.....	.....	.....	.....	.....	.....	.....	.....	3	16	.....	.....	.....	.....	.....	.....	96	1	4	.....	120	.....
1	2	3	2	2	2	1	55	7	61	3	.....	2	.....	.....	.....	66	1	1	.....	141	.....
.....	.....	.....	.....	.....	.....	.....	.....	3	121	1	2	3	.....	.....	.....	100	4	4	.....	233	.....
.....	.....	.....	.....	.....	.....	.....	.....	2	55	.....	2	2	.....	.....	.....	81	.....	.....	.....	142	25
.....	.....	.....	.....	.....	.....	.....	.....	11	8	.....	3	8	5	.....	.....	.....	.....	.....	.....	36	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	20	.....	.....	.....	.....	.....	.....	28	4	.....	.....	53	.....
.....	.....	.....	.....	.....	.....	.....	.....	12	85	.....	2	3	4	.....	.....	25	.....	.....	.....	131	.....
.....	.....	.....	.....	.....	.....	.....	.....	23	26	.....	1	.....	.....	.....	.....	20	.....	.....	.....	70	.....
.....	.....	.....	.....	.....	.....	.....	.....	11	103	2	.....	.....	.....	.....	.....	334	1	.....	.....	451	.....
.....	.....	.....	.....	.....	.....	.....	.....	40	19	5	5	9	6	.....	.....	.....	.....	.....	.....	84	.....
.....	.....	.....	.....	.....	.....	.....	.....	25	3	.....	2	.....	.....	.....	.....	10	.....	.....	.....	40	.....
.....	.....	.....	.....	.....	.....	.....	.....	118	952	23	3	22	1	.....	.....	766	50	15	.....	1950	.....
.....	.....	.....	.....	.....	.....	.....	.....	19	228	3	1	.....	.....	.....	.....	172	14	.....	.....	438	.....
.....	.....	.....	.....	.....	.....	.....	.....	41	54	1	1	.....	.....	.....	.....	40	.....	.....	.....	137	.....
.....	.....	.....	.....	.....	.....	.....	.....	3	37	.....	1	2	.....	.....	.....	23	.....	.....	.....	66	.....
16	15	13	.....	6	3	.....	53	46	67	.....	28	.....	.....	.....	.....	54	.....	.....	.....	195	.....
.....	.....	.....	.....	.....	.....	.....	.....	33	105	.....	1	9	.....	.....	.....	401	5	7	3	564	.....
.....	.....	.....	.....	.....	.....	.....	.....	6	12	1	.....	.....	.....	.....	.....	24	.....	.....	.....	43	.....
.....	.....	.....	.....	.....	.....	.....	.....	85	13	.....	.....	.....	.....	.....	.....	64	.....	.....	.....	162	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	39	.....	.....	7	.....	.....	.....	39	1	.....	.....	86	.....
19	21	24	5	13	6	1	144	571	2415	45	64	102	20	35	2	2703	90	43	3	6093	.....

APPENDIX

RETURN showing the Number of Dominion and Tolerrated Measures of Capacity, each Inspection Division, during the

DIVISIONS.	MEASURES OF										
	Dominion.										
	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.	Quart.	Pint.	$\frac{1}{2}$ Pint.	Gill.	$\frac{1}{2}$ Gill.	Total Number Verified.
<i>New Brunswick.</i>											
Fredericton.....											
Kings.....											
Moncton..... Nil.											
Northumberland..... "											
Restigouche..... "											
St. John.....		12		23	23	23	23	23	23	18	168
Woodstock.....											
Total.....		12		23	23	23	23	23	23	18	168
<i>Nova Scotia.</i>											
Annapolis.....											
Cape Breton.....											1
Colchester.....		1									144
Guysborough.....		24		20	20	20	20	20	20		35
Halifax.....		3		8	7	9	5	2	1		
Hants..... Nil.											
Inverness.....		35	7	103	149	169	103	90	61		716
Lunenburg.....		15	6	13	18	10	1				63
Pictou.....											
Yarmouth.....		1		24	43	48	28	4	1		149
Manitoba.....	4			40	40	41	41	40	1		207
Total.....	4	79	13	208	277	297	197	156	84		1315

RECAPITU

Ontario.....	35	2247	2187	6769	7591	11847	10546	6153	1174	183	48063
Quebec.....	4	617	424	2972	3085	3952	4348	3514	2570	515	22061
New Brunswick.....		12		23	23	23	23	23	23	18	168
Nova Scotia.....	5	79	13	208	277	297	197	156	84		1315
Manitoba.....											
Total for Dominion.....	43	2955	2624	9972	10976	16119	15114	9846	3781	776	62206

D.—Continued.

Balances and Weighing Machines of each Denomination, Inspected and Verified in Fiscal Year ended 30th June, 1877.

CAPACITY.										BALANCES.															
Tolerated.										With Equal Arms.		Steelyards, with Divided Arms.		Weigh-Bridges, or Platform Scales.				Total Number Verified.		Irregular Measures Verified.					
1 Bushel.	2 Bushel.	Peck.	Gallon.	1/2 Gallon.	Quart.	Pint.	1/2 Pint.	Gill.	1/2 Gill.	Total Number Verified.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.		2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.	Total Number Verified.	
											6	56		1	5				62				1	131	
											3				1	1			2					7	
											390	11			50				243	41				738	20
											10	16			3				53					82	
											409	83		1	59	1			360	41		3	1	958	20
											25	19			2				43	1				90	
15	4	21	22	21	20					103	6	46		2	2				89			1		148	
											3	28			1				90					120	
											15	42	1	15	14	1			72					160	
			49	37	33	25	15	8		167	27	123	7	7			4		193	13	4			378	31
											37	24		25	24				183	1	2			296	
104	39	187	226	177	63	14	2			812	43	130	1	3	69				177	1	2			436	
3	2	4	6	6	2	1				24	45	3	1		1				127	1				178	
											30	38			39	2			172			7		288	
											3	28	3											32	
122	45	261	391	237	110	30	10			1106	234	477	13	52	152	3	4		1146	17	16			2114	

LATION.

1	33	99	149	158	212	133	67	13	1	866	2441	4942	41	12	766	45	21	10	11980	931	411	138	21718	...	
...	29	23	19	24	24	5	13	6	1	144	571	2415	45	64	102	20	35	2	2703	90	43	3	6093	...	
...	122	45	261	391	237	110	30	10		1106	409	83		1	59	1			360	41	3	1	958	20	
...	184	167	429	573	473	248	110	29	2	2116	3655	7917	99	129	1079	69	60		12	16169	1109	473	142	30883	51

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal each Inspection Division, during the

DIVISIONS.	DOMINION WEIGHTS.																Total No. Ver- ified after First Rejection.	
	Avoirdupois.																	
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.		1 dr.
<i>Ontario.</i>																		
Brant .....					17	49	38	206	182	37	30	27	29	25	22			662
Brockville .....									1								1	
Dundas .....																	730	
Elgin .....					12	88	49	260	199	22	23	24	23	17	13		792	
Essex .....	3	14	35		64	49	210	177	75	49	55	46	13	2			262	
Hamilton (City) .....					53	33	58	69	9	8	9	11	8	4			7	
Hamilton (Dundas) .....							3	4									460	
Kent .....					43	25	149	145	50	12	10	11	7	7	1		1442	
London .....	2				17	149	102	311	316	125	100	75	99	48	98		1460	
Middlesex .....						196	183	357	428	150	43	32	36	20	10		2	
Muskoka .....								1	1								33	
Norfolk .....						1	3	19	11			1					321	
Northumberland .....						33	28	116	105	18	3	6	5	4	3			
Ottawa .....																	1153	
Oxford .....					19	89	100	407	387	59	24	23	19	15	11		377	
Simcoe .....						31	37	91	127	21	17	18	19	16			3280	
Toronto .....	61	2	5		366	461	578	457	426	142	122	260	223	150	11	16	635	
Victoria .....					15	21	172	175	54	50	46	39	33	25	1	3	292	
Waterloo .....					7	22	20	108	98	9	7	8	6	4	3		85	
Welland .....						29	15	19	12	5	1				1	1	2	
Wellington .....		1	1	15	143	119	369	327	94	25	27	23	26	10	2	1	1185	
Total .....	66	17	127	371	1283	3444	3221	1154	534	483	626	459	358	15	22	5	13176	
<i>Quebec.</i>																		
Bellechasse .....	6			4	24	39	61	52	45	45	45	45	39	1			406	
Berthier .....							5	1									6	
Chambly .....							4				2	4	6	3	6	4	35	
Drummond .....																	3	
Lévis .....							1	1	1								53	
Montmorenci .....	1	1					22	22	2	2	1						1050	
Montreal .....					1		213	230	161	120	118	115	101				25	
Quebec .....							11	6	2		2	3	1				5	
Richelieu .....							1	1	1			1	1				1592	
Terrebonne .....																		
Total .....	6	1	1	4	25	39	318	313	212	167	169	169	148	4	6	4	1592	
<i>New Brunswick.</i>																		
Fredericton .....							70	58	20	17	15	16	10	4			210	
Kings .....							9	5	3	1	1						19	
Total .....							79	63	23	18	16	16	10	4			229	
<i>Nova Scotia.</i>																		
Colchester .....						1						1	1				1	
Inverness .....																	2	
Total .....						1						1	1				3	

D.—Continued.

Measures of each Denomination, Inspected and Verified after First Rejection, in Fiscal Year ended 30th June, 1877.

TOLERATED WEIGHTS.								LINEAL MEASURES.										Irregular Weights Verified after First Rejection.
Avoirdupois.								Total No. Verified after First Rejection.	Yard.	½ Yard.	2 Feet.	1 Foot.	½ Foot.	100 Feet Chains.	66 Feet Chains.	Tape or Riband.	Total No. Verified after First Rejection.	
66 lbs.	33 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.												
	1	3	7	112				123	13						1		14	67
			1	1				2										21
		3	12	71				86										
			5	73				78										
		1	1	30				32	5								5	
			1	3				4										
			16	81	10	10		117										89
	2	7	23	179				212										182
	1		9	163				173										184
				1				1										
	1	1	1	1				4										
			2	56				58										
	1	2	1					4	8									
		2	8	152				162									8	
	20		2	63				65										
		53	58	109	405			645	221		1					222		610
		4	4	7	138			153										1248
			1	9	41			51										
				5	5			5										
			1	5	135			141										
21	63	83	219	1710	10	10		2116	247		1				1		249	2401
16																		
	9	9	18	37				89	16								16	
	1	1		11				13										
			1		2	2		5	1								1	
	1	1	1	3	22			1										
								28	1								1	
								279									279	
			2		9			11	1								1	
			1	1				2										
17	11	13	23	18	2	2		149	298								298	
	3	3	5	61				72	8								8	
		1	1	2				4										
	3	4	6	63				76	8								8	
				1				1										
				1				1										

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal each Inspection Division, during the

RECAPITU

DIVISIONS.	DOMINION WEIGHTS.																Total No. Veri- fied after First Rejection.		
	Avoirdupois.																		
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.		1 dr.	1/2 dr.
Ontario .....	66	117	127	371	1283	3444	3221	1154	534	483	626	459	358	15	22	5	13176		
Quebec.....	6	1	1	4	25	39	318	313	212	167	169	169	148	4	6	6	4	1592	
New Brunswick .....							79	63	23	18	16	16	10	4				239	
Nova Scotia.....					1						1	1						3	
Manitoba.....																			
Total for Dominion..	6	67	1	18	131	397	1322	3841	3597	1389	719	669	812	617	366	21	28	9	15000

D.—Continued.

Measures of each Denomination, Inspected and Verified after First Rejection, in Fiscal Year ended 30th June, 1877.

LATION.

TOLERATED WEIGHTS.								LINEAL MEASURES.										
Avoirdupois.																		
56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total No. Verified after First Rejection.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	$\frac{1}{2}$ Foot.	100 Feet Chains.	66 Feet Chains.	Tape or Ribband.	Total No. Verified after First Rejection.	Miscellaneous Weights Verified after First Rejection.	Irregular Weights Verified after First Rejection.
21	63	83	219	1710	10	10	2116	247	.....	1	.....	.....	.....	1	.....	249	.....	2401
17	11	13	23	18	2	2	149	298	.....	.....	.....	.....	.....	.....	.....	298	.....	.....
3	4	6	63	.....	.....	.....	76	8	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	78	102	305	1729	12	12	2342	553	.....	1	.....	.....	.....	1	.....	555	.....	2401

APPENDIX

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, First Rejection in each Inspection Division,

DIVISIONS.	MEASURES OF CAPACITY.																
	Dominion.											Total Number Verified after First Rejection.					
	Bushel.	½-Bushel.	Peck.	Gallon.	½-Gallon.	Quart.	Pint.	½-Pint.	Gill.	½-Gill.	Bushel.		½-Bushel.	Peck.			
<i>Ontario.</i>																	
Brant.....																	
Brockville.....				2	3	66	30	39						139			
Elgin.....																	
Essex.....																	
Hamilton (City).....																	
Hastings.....																	
Kent.....																	
London.....			7	19	12	30	16	12						90			
Middlesex.....																	
Muskoka.....																	
Niagara.....							1							1			
Norfolk.....																	
Ontario.....																	
Ottawa.....																	
Oxford.....																	
Simcoe.....				1	1		1							3			
Toronto.....																	
Victoria.....																	
Welland.....																	
Wellington.....																	
Total.....			7	22	16	95	48	51						239			
<i>Quebec.</i>																	
Bellechasse.....			15	16	16	18	16	2	1					82			
Chamblay.....			1	4	8	8	8	2						31			
Champlain.....	1													1			
Drummond.....																	3
Hull (City).....			1	1	1	1	1	1	4					9			
Montmorenci.....			1	1	1	1	1	1	1	1				7			
Montreal.....			716	673	1057	1227	824	571						5068			
Quebec.....			10	9	7	10	17	1	4					58			
Richelieu.....																	
Total.....	1	16	748	708	1090	1263	847	578	5	5256				3			
<i>New Brunswick.</i>																	
Fredericton.....																	
Kings.....																	
Total.....																	
<i>Nova Scotia.</i>																	
Halifax.....																	
Inverness.....																	
Total.....																	



D.—Continued.

Balances and Weighing Machines of each Denomination, Inspected and Verified after during the Fiscal Year ended 30th June, 1877.

Tolerated.							BALANCES.											Total Number Verified after First Rejection.		
							With Equal Arms.				Steelyards, with Divided Arms.				Weigh-Bridges, or Platform Scales.					
Gallon.	1/2 Gallon.	Quart.	Pint.	1/2 Pint.	Gill.	1/2 Gill.	Total Number Verified after First Rejection.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 and upwards.	Total Number Verified after First Rejection.
								32	113			6				166	27	3	5	352
								24	83			14				189	10	10		330
								43	50			19	1		1	163	9	5	9	300
								19	18							46	8	7		98
								2												2
								10	65							175	6	6	3	275
								108	35			15	6			236	13	7		420
								17	107			5				189	4	1		323
								3											1	15
																12				6
																6				5
								4	25			2				164	6	1	3	205
								30	178			26				259	30	10	36	569
								3	55		1	34				218	11	3	3	327
								6												6
															1	21	9	4		35
								301	730		1	121	7		2	1848	134	57	60	3260
								1	55		8					28				92
								1	3											4
1																				
	3						14	1				3			1					5
		3														20				27
			2					23								10				33
				2												43				43
								3	4	5						4				16
1																				
	3						14	29	69	5	8	3			1	195				220
								2	15			1				25				43
								3				1	1			2				7
								5	15			2	1			27				50
												1								1
								1				1				4				6
								1			1	1				4				7

APPENDIX

RETURN showing the Number of Dominion and Tolerated Measures of Capacity,  
First Rejection in each Inspection Division

RECAPITU

DIVISIONS.	MEASURES OF CAPACITY.													
	Dominion.											Total Number Verified after First Rejection.		
	Bushel.	$\frac{1}{2}$ -Bushel.	Peck.	Gallon.	$\frac{1}{2}$ -Gallon.	Quarts.	Pint.	$\frac{1}{2}$ -Pint.	Gill.	$\frac{1}{4}$ -Gill.	Bushel.		$\frac{1}{2}$ -Bushel.	Peck.
Ontario.....			7	22	14	95	48	51			239			
Quebec.....	1		16	748	708	1090	1263	847	578	5	5256		3	
New Brunswick.....														
Nova Scotia.....														
Manitoba.....														
Total .....		1	23	770	724	1185	1311	898	578	5	5495		3	

D.—Continued.

Balances and Weighing Machines of each Denomination, Inspected and Verified after during the Fiscal Year ended 30th June, 1877.

L A T I O N .

							BALANCES.													
Tolerated.							With Equal Arms.				Steelyards, with Divided Arms.			Weigh-Bridges, or Platform Scales.						
Gallon.	1/2-Gallon.	Quart.	Pint.	1/2-Pint.	Gill.	1/4-Gill.	Total Number Verified after First Rejection.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.	Total Number Verified after First Rejection.
1	3	3	2	2			14	301	730		1	121	7		2	1848	134	57	60	3260
								29	69	5	8	3			1	195				220
								5	15			2	1		27					50
								1			1	1			4					7
1	3	3	2	2			14	336	814	5	10	127	8		3	2074	134	57	60	3537

APPENDIX

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the Fiscal Year

DIVISIONS.	DOMINION WEIGHTS.													Total Number Rejected.					
	Avoirdupois.																		
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.		8 drs.	4 drs.	2 drs.	1 dr.	½ dr.
<i>Ontario.</i>																			
Brockville.....						3	2	5	2										
Dundas.....																			
Elgin.....														3					
Hamilton (City).....								1	1	1	1			1					
do (Dundas).....															1				
London.....						1	3	6	8	1	8								
Muskoka.....								2	1										
Niagara.....								3	2										
Norfolk.....							5	26	21	6	7	6	6	6	6				
Northumberland.....																			
Ontario.....										5	4	5	5	4	1				
Ottawa.....										5	7	8	5	3					
Peterborough.....												1							
Toronto.....								2	1										
<b>Total.....</b>						<b>4</b>	<b>10</b>	<b>45</b>	<b>36</b>	<b>18</b>	<b>27</b>	<b>21</b>	<b>20</b>	<b>13</b>	<b>7</b>				<b>201</b>
<i>Quebec.</i>																			
Chambly.....								4	1		1	2	2	2	2				1
Hull (City).....						2	2		3					1					
Joliette.....										1	1								
Montreal.....						1		2	3	2	2	2	3						
Quebec.....																			5
Richelieu.....										1	1	1							
Terrebonne.....																			
<b>Total.....</b>						<b>3</b>	<b>2</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>2</b>				<b>45</b>
<i>New Brunswick.</i>																			
Woodstock.....																			
<i>Nova Scotia.</i>																			
Cape Breton.....												1	1	2	1				5
Colchester.....																			
Gnysborough.....								2	2	2	2	1	1	1	1				12
Halifax.....																			7
Inverness.....								4	3										
<b>Total.....</b>								<b>6</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>				<b>14</b>
<i>Manitoba.....</i>										1	1	1							3

D.—Continued.

Measures of each Denomination, Inspected and Rejected in each Inspection Division, ended 30th June, 1877.

TOLERATED WEIGHTS.								LINEAL MEASURES.									
Avoirdupois.																	
66 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number Rejected.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	$\frac{1}{2}$ Foot.	100 Feet Chains.	66 Feet Chains.	Tape or Ribband.	Total Number Rejected.	Irregular Weights Rejected.
				1			1										
				1	1		2										1
			1	4			5	1									1
				2			2	24									24
				4			4										
		1	1	6			8										
								6									6
	1	2	4	4		3	14	8									8
				1			1										
	1	3	6	23	1	3	37	39								39	1
				6			6	3		1							4
				1			1										
	2						2	7									3
																	7
			3	2	2	2	9	1									1
	2		3	9	2	2	18	14		1							15
				1			1										
7	2	4	7	61	77	62	220	15		1							16
								1									1
13	1	4	2	4			24	3									3
2		1					3										
2	2	1	3	5			13										
24	5	10	12	70	77	62	260	19		1							20

RETURN showing the Number of Dominion and Tolerated Weights and Lineal during the the Fiscal Year

RECAPITU

DIVISIONS.	DOMINION WEIGHTS.														Total Number Rejected.				
	Avoirdupois.																		
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.	2 ozs.	1 oz.	8 drs.		4 drs.	2 drs.	1 dr.	$\frac{1}{2}$ dr.
Ontario .....						4	10	45	36	18	27	21	20	13	7				201
Quebec.....						3	2	6	7	4	5	5	5	3	2				43
New Brunswick.....																			
Nova Scotia .....								6	5	2	2	2	2	3	2				24
Manitoba .....										1	1	1							3
Total .....						7	12	57	48	25	35	29	27	19	11				270

D.—Continued.

Measures of each Denomination, Inspected and Rejected in each Inspection Division, ended 30th June, 1877.—Continued.

L A T I O N .

TOLERATED WEIGHTS.								LINEAL MEASURES.								Irregular Weights Rejected.	
Avoirdupois.																	
56 lbs.	28 lbs.	14 lbs.	7 lbs.	4 lbs.	2 lbs.	1 lb.	Total Number Rejected.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	$\frac{1}{2}$ Foot.	100 Feet Chains.	66 Feet Chains.	Tape or Riband.		Total Number Rejected.
	1	3	6	23	1	3	37	39								39	1
	2		3	9	2	2	18	14		1						15	
				1			1										
24	5	10	12	70	77	62	260	19		1						20	
24	8	13	21	103	80	67	316	72		2						74	1

APPENDIX

RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISIONS.	MEASURES OF CAPACITY.															
	Dominion.										Tolerated.					
	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.	Quart.	Pint.	$\frac{1}{2}$ Pint.	Gill.	$\frac{1}{2}$ Gill.	Total Number Rejected.	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.
<i>Ontario.</i>																
Algoma.....															6	1
Brant.....																
Brockville.....						10	5	1			16					
Dundas.....																
Durham.....				3							3					
Elgin.....	14		1		8						23					
Hamilton (City).....																
do (Dundas).....			4								4					
Huron.....																
Kent.....				1	1	1	1	1			5					
Kingston.....																
Lambton.....																
London.....	2		6	2	8						18					
Middlesex.....																
Muskoka.....																
Niagara.....				1	3			2			6					
Norfolk.....				3	3	4	5	2			17					
Northumberland.....																
Ottawa.....																
Oxford.....				6	6	5	6	6			29					
Peterborough.....							1				1					
Prince Edward.....	2					1					2					
Simcoe.....																
Stratford.....																
Toronto.....		2	6			12					20					
Victoria.....	1										1					
Welland.....																
Wellington.....																
York.....																
<b>Total.....</b>	<b>2</b>	<b>19</b>	<b>17</b>	<b>16</b>	<b>29</b>	<b>33</b>	<b>19</b>	<b>10</b>			<b>145</b>				<b>6</b>	<b>1</b>
<i>Quebec.</i>																
Beauce.....																
Berthier.....																
Chambly.....																
Hull (Pontiac).....				3	6	4	4	3			20					
do (City).....																
Joliette.....																
Missisquoi.....																
Montmagny.....																
Montreal.....																
Quebec.....	2		1			1	2	3		1	13					
Richelieu.....				1	1						2					
Sherbrooke.....																
Terrebonne.....																
<b>Total.....</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>9</b>			<b>1</b>	<b>35</b>					





RETURN showing the Number of Dominion and Tolerated Measures of Capacity, each Inspection Division, during the

DIVISIONS.	MEASURES OF CAPACITY.															
	Dominion.										Tolerated.					
	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.	Quart.	Pint.	$\frac{1}{2}$ Pint.	Gill.	$\frac{1}{2}$ Gill.	Total Number Rejected.	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.
<i>New Brunswick.</i>																
Fredericton.....																
Kings.....																
Woodstock..																
Total.....																
<i>Nova Scotia.</i>																
Cape Breton.....											23	5	11	11		
Colchester.....																
Guysborough.....											1	1	4	5		
Halifax.....											1	1	7	10		
Inverness.....																
Lunenburg.....		3	1	3	4	1				12	7	5	17	18		
Yarmouth.....											23	17	9	44	55	
Total.....		3	1	3	4	1				12	23	48	21	83	97	
<i>Manitoba</i> .....			1			12				13						

RECAPITU

Ontario.....	2	19	17	16	29	33	19	10		145				6	1
Quebec.....		2	1	4	7	5	6	9	1	35					
New Brunswick.....															
Nova Scotia.....		3	1	3	4	1				12	23	48	21	83	97
Manitoba.....			1			12				13					
Total for Dominion...	2	24	20	23	40	51	25	19	1	205	23	48	21	89	96

D.—Continued.

Balances and Weighing Machines of each Denomination, Inspected and Rejected in Fiscal Year ended 30th June, 1877.

					BALANCES.										Total Number Rejected.	Irregular Measures Rejected.				
					With Equal Arms.				Steelyards, with Divided Arms.				Weigh-Bridges, or Platform Scales.							
Quart.	Pint.	$\frac{1}{2}$ Pint.	Gill.	$\frac{1}{4}$ Gill.	Total Number Rejected.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	2,000 lbs. and under.			2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.	
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	5	.....
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	3	.....
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	13	.....
11	4	3	3	.....	71	1	20	.....	.....	16	1	.....	.....	35	.....	1	.....	.....	74	.....
3	1	.....	.....	.....	15	1	1	.....	1	3	.....	.....	.....	7	.....	.....	.....	.....	7	.....
4	2	1	1	.....	26	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	9	.....
.....	.....	.....	.....	.....	.....	3	10	.....	1	1	.....	.....	.....	2	.....	.....	.....	.....	3	5
7	7	.....	.....	.....	61	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	18	.....
36	28	5	.....	.....	216	1	.....	.....	.....	11	.....	.....	.....	6	.....	.....	.....	.....	18	.....
61	42	10	4	.....	389	6	31	.....	2	31	1	.....	.....	57	.....	1	.....	.....	129	5
.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	4	.....

LATION.

.....	.....	.....	.....	.....	7	34	53	1	.....	28	.....	.....	.....	146	21	5	1	.....	289	.....
.....	.....	.....	.....	.....	12	8	.....	.....	.....	18	.....	.....	.....	14	.....	.....	.....	.....	52	.....
61	42	10	4	.....	389	6	31	.....	2	31	1	.....	.....	10	.....	.....	.....	.....	13	.....
.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	57	.....	1	.....	.....	129	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	4	.....
61	42	10	4	.....	396	57	92	2	2	77	1	.....	.....	228	21	6	1	.....	487	5



APPENDIX E.

RETURN of the Gas Meters presented for Verification during the Year ended 30th June, 1877.

Inspection Districts.	Date of Opening Office.	Total Number of Meters presented for Verification.	Kind.		Verified.			Rejected.			Verified after First Rejection.			Total Verified and Rejected.		R marks.	
			Dry.	Wet.	Correct.	Fast.	Slow.	Unsound.	Fast.	Slow.	Correct.	Fast.	Slow.	Verified.	Rejected.		
1876.																	
Montreal	April	1,553			275	630	589	12	34	13					1,494	59	No return for last quarter; books, &c., destroyed by fire.
St. John	June	704			53	226	307	15	56	45					588	116	
Halifax	August	553			24	302	189	13	5	2	14	4			551	2	
Toronto	do	1,294			158	512	591	4	11	6	1	4			1,285	9	
Hamilton	September	246			10	70	141		16	2	2				235	11	
Quebec	December	241			13	120	72	8	1	27		9			217	24	
1877.																	
Ottawa	January	91	90	1	3	44	34	5	4	1					81	10	
Pictou	March	43	43		28			2	1	12					28	15	
		4,725	3,930	795	564	1,904	1,923	59	128	108	17	17	18		4,479	246	

APPENDIX

RETURN of the Illuminating Power and Purity of

INSPECTION DISTRICTS.	ILLUMINATING POWER.					SULPHUR PER 100			
	Highest.	Lowest.	Average.	Standard.	Below Standard.	No. of Tests.	Highest.	Lowest.	Average.
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
<b>Montreal :—</b>									
July .....	17.33	15.59	16.47	14	.....	1	58.62	26.33	38.81
August.....	17.52	16.48	16.98	14	.....	3	51.35	.....	50.35
September.....	17.58	15.22	16.43	14	.....	4	42.28	.....	42.28
October.....	18.09	15.20	16.73	14	.....	3	51.70	50.28	50.99
November.....	18.40	17.28	17.75	14	.....	3	48.95	46.12	47.54
December.....	16.89	16.43	16.61	14	.....	6	54.25	45.66	44.96
January .....	17.20	16.27	16.95	14	.....	4	49.12	42.93	46.02
February .....	16.86	16.03	16.44	14	.....	2	54.15	49.71	51.93
March.....	18.53	15.38	16.95	14	.....	6	55.14	50.10	52.62
April.....	17.29	16.03	16.66	14	.....	5	62.12	42.53	52.32
May.....	17.16	16.67	16.91	14	.....	6	57.15	32.32	44.73
June.....	19.77	15.78	17.77	14	.....	5	47.68	42.62	45.15
<b>Toronto :—</b>									
July.....	13.81	.....	13.81	12	.....	1	18.95	.....	18.95
August.....	.....	.....	.....	12	.....	.....	16.80	.....	16.80
September.....	14.54	13.15	13.81	12	.....	6	18.70	14.22	16.50
October.....	14.67	10.62	12.83	12	.....	2	22.60	11.85	17.48
November.....	14.92	13.53	14.08	12	.....	6	19.24	15.96	17.96
December.....	14.15	12.64	13.43	12	.....	9	16.09	9.46	11.60
January.....	13.88	11.59	12.73	12	.....	1	10.93	9.42	10.17
February.....	14.12	13.55	13.83	12	.....	3	14.00	13.82	13.91
March.....	12.93	11.18	12.05	12	.....	1	20.29	12.94	16.61
April.....	13.89	12.87	13.38	12	.....	4	19.88	16.10	17.99
May.....	14.92	14.00	14.46	12	.....	8	22.02	16.80	19.41
June.....	17.21	13.36	15.28	12	.....	5	21.97	10.85	16.41
<b>Hamilton :—</b>									
September.....	18.26	15.16	16.33	12	.....	7	.....	.....	.....
October.....	15.33	14.64	15.10	12	.....	3	.....	.....	.....
November.....	17.54	13.99	15.52	12	.....	4	.....	.....	.....
December.....	16.91	14.66	15.65	12	.....	4	.....	.....	.....
January.....	15.62	14.77	15.19	12	.....	4	.....	.....	.....
February.....	16.86	14.59	15.72	12	.....	4	.....	.....	.....
March.....	16.97	15.23	16.10	12	.....	5	.....	.....	.....
April.....	16.27	14.74	15.50	12	.....	4	.....	.....	.....
May.....	14.83	13.15	13.99	12	.....	4	.....	.....	.....
June.....	16.09	14.94	15.51	12	.....	5	.....	.....	.....
<b>Halifax :—</b>									
July.....	23.24	19.43	21.76	16	.....	8	.....	.....	.....
August.....	23.68	19.54	21.05	16	.....	8	.....	.....	.....
September.....	22.34	19.74	21.19	16	.....	9	.....	.....	.....
October.....	26.19	20.76	22.79	16	.....	8	.....	.....	.....
November.....	22.63	20.65	21.35	16	.....	9	.....	.....	.....
December.....	21.86	19.00	20.42	16	.....	9	.....	.....	.....
January.....	23.13	18.11	20.62	16	.....	9	.....	.....	.....
February.....	27.12	19.85	23.48	16	.....	8	.....	.....	.....
March.....	22.99	19.47	21.23	16	.....	9	.....	.....	.....
April.....	20.87	20.04	20.45	16	.....	8	.....	.....	.....
May.....	20.63	18.20	19.41	16	.....	9	.....	.....	.....
June.....	21.35	17.95	19.65	16	.....	9	.....	.....	.....

F.

Gas Inspected for the Year ended 30th June, 1877.

CUBIC FEET.			AMMONIA PER 100 CUBIC FEET.				SULPH' RETTED HYDROGEN.			REMARKS.	
Standard.	Above Allowance.	No. of Tests.	Highest.	Lowest.	Average.	Standard Allowance.	Above Allowance.	No. of Tests.	How often Present.		No. of Tests.
Grains.			Grains.	Grains.	Grains.	Grains.					
20	3	3	11.00	10.09	10.09	3	2	2	.....	4	No trace. do do do do do do do do do do do do do
20	1	1	9.02	.....	9.02	3	1	1	.....	3	
20	1	1	12.00	.....	12.00	3	1	1	.....	1	
20	2	2	10.00	9.06	9.08	3	2	2	.....	3	
20	2	2	9.08	9.02	9.05	3	2	2	.....	4	
20	2	2	9.06	8.08	9.02	3	2	2	.....	5	
20	2	2	9.05	7.00	8.02	3	2	2	.....	2	
20	2	2	9.50	9.25	9.37	3	2	2	.....	2	
20	2	2	7.00	6.50	6.75	3	2	2	.....	5	
20	2	2	12.41	3.05	7.73	3	2	2	.....	2	
20	3	3	5.00	4.51	4.75	3	2	2	.....	4	
20	3	3	3.00	2.03	2.51	3	1	3	.....	3	
20	.....	1	1.05	.....	1.05	2	.....	1	.....	1	
20	.....	1	3.20	.....	3.20	2	1	1	.....	1	
20	.....	5	5.78	1.30	3.50	2	4	5	.....	6	
20	1	4	2.32	2.03	2.19	2	3	3	3	6	
20	.....	3	4.04	0.76	2.03	2	1	3	1	6	
20	.....	5	2.30	1.50	1.84	2	2	4	2	9	
20	.....	3	2.56	1.02	1.79	2	2	3	.....	4	
20	.....	2	2.01	.....	1.00	2	1	2	.....	3	
20	1	5	2.01	0.50	1.25	2	1	5	.....	4	
20	.....	4	2.04	1.02	1.53	2	1	4	.....	.....	
20	3	4	2.08	1.53	1.80	2	2	4	.....	.....	
20	1	5	2.00	1.03	1.51	2	.....	5	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	

RETURN of the Illuminating Power and Purity of Gas

INSPECTION DISTRICTS.	ILLUMINATING POWER.						SULPHUR PER 100		
	Highest.	Lowest.	Average.	Standard.	Below Standard.	No. of Tests.	Highest.	Lowest.	Average.
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
<b>St. John :—</b>									
July .....	20·21	15·55	18·04	14	.....	23	.....	.....	.....
August.....	18·05	13·72	16·42	14	1	21	.....	.....	.....
September.....	18·80	15·45	16·70	14	.....	19	.....	.....	.....
October.....	17·28	14·74	15·85	14	.....	23	.....	.....	.....
November.....	18·15	14·06	15·86	14	.....	26	.....	.....	.....
December.....	19·50	15·76	17·21	14	.....	23	.....	.....	.....
January.....	19·13	15·87	17·50	14	.....	20	.....	.....	.....
February.....	18·30	15·10	16·70	14	.....	18	.....	.....	.....
March.....	18·60	15·50	17·05	14	.....	21	.....	.....	.....
April.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Quebec :—</b>									
December.....	15·63	14·33	15·14	14	.....	5	.....	.....	.....
January.....	16·10	15·20	15·65	14	.....	5	.....	.....	.....
February.....	15·77	14·74	15·25	14	.....	5	.....	.....	.....
March.....	15·91	14·46	15·18	14	.....	4	.....	.....	.....
April.....	17·02	14·69	15·85	14	.....	4	.....	.....	.....
May.....	18·16	16·31	17·23	14	.....	7	6·74	.....	6·74
June.....	18·38	15·78	17·08	14	.....	7	8·47	6·53	7·50
<b>Ottawa :—</b>									
January.....	15·36	14·58	14·97	12	.....	2	14·67	.....	14·67
February.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March.....	12·94	.....	12·94	12	.....	1	26·35	16·42	21·38
<b>Pictou :—</b>									
July.....	17·19	16·67	16·98	16	.....	2	.....	.....	.....
August.....	17·41	16·80	17·10	16	.....	2	.....	.....	.....
September.....	17·11	16·83	16·97	16	.....	3	.....	.....	.....
October.....	16·29	.....	16·29	16	.....	1	.....	.....	.....
November.....	16·77	16·57	16·67	16	.....	2	.....	.....	.....
December.....	19·45	18·00	18·72	16	.....	2	.....	.....	.....





APPENDIX G.

DETAILS of Expenditure on Gas Testing Offices, showing the Cost of Instruments, Fitting and Office Furniture, Rents, Salaries, Contingencies, and Fees collected for the Year ended 30th June, 1877.

Inspection Districts.	Inspectors.	Value of Standards, Fittings, &c.				Expenditure.				Apparatus ready for use.	Operations commenced.	Fees collected.
		Value of Principal Standards.	Value of connections, fittings, &c.	Value of office furniture and fittings.	Total Value.	Office Rents.	Salaries.	Contingencies.	Total.			
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Montreal ..	N. Aubin ..	2,468 00	387 00	325 15	3,180 15	.....	2,000 00	405 56	2,405 56	April, 1876	April, 1876	950 20
Toronto ..	G. Sutherland ..	1,935 75	533 82	35 00	2,504 57	.....	1,000 00	42 22	1,042 22	July, 1876	July, 1876	762 00
Hamilton ..	D. McPhie ..	1,191 00	296 97	71 00	1,558 97	150 00	750 00	298 49	1,198 49	Sept., 1876	Sept., 1876	185 00
Ottawa ..	A. Millar ..	1,924 00	370 52	136 00	2,430 52	87 50	.....	60 29	147 79	Jan., 1877	Jan., 1877	54 00
Halifax ..	A. Rowan ..	1,469 00	303 70	62 85	1,835 55	160 00	1,000 00	18 50	1,178 50	Sept., 1876	Sept., 1876	275 00
St. John ..	C. J. Lafrance ..	985 00	186 98	86 90	1,257 88	.....	1,000 00	150 63	1,150 63	Oct., 1876	Oct., 1876	376 50
Quebec ..	J. W. M. Ruel ..	2,487 00	543 94	84 00	3,114 94	75 00	1,000 00	320 09	1,320 09	Dec., 1876	Dec., 1876	136 00
Brantford ..	J. W. M. Ruel ..	975 45	269 40	84 00	1,328 87	.....	.....	298 49	373 49	Sept., 1876	Sept., 1876	.....
Fredericton ..	J. Hepburn ..	1,068 00	187 64	94 86	1,350 50	100 00	300 00	13 04	413 04	Oct., 1875	Oct., 1875	31 50
Pictou ..	J. Hepburn ..	865 03	116 43	96 20	1,077 66	60 00	.....	.....	60 00	Dec., 1875	Dec., 1875	.....
Newcastle ..	.....	888 00	185 58	15 00	1,088 58	.....	.....	.....	.....	.....	.....	.....
Chatham ..	.....	870 00	304 95	34 00	1,208 95	.....	350 00	.....	350 00	.....	.....	.....
Port Hope ..	A. Sands ..	.....	.....	.....	.....	632 50	7,400 00	1,607 31	9,639 81	.....	.....	2,770 20
		17,086 25	3,686 93	1,123 96	21,877 14	632 50	7,400 00	1,607 31	9,639 81			

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## APPENDIX H.

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SYNOPSIS OF REPLIES FROM DUPUTY INSPECTORS OF WEIGHTS  
AND MEASURES TO CIRCULAR 155.

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APPENDIX H,

SYNOPSIS OF REPLIES from Deputy Inspectors of Weights and Measures to Circular 155

Divisions.	Deputy Inspectors.	Acting also as	Average Fees charged for adjusting Balances and Platform Scales.	Average Fees for Weights.	Average Fees for Measures of Capacity.	Average Fees for Lineal Measures.	Fees collected by Deputy Inspectors for adjusting.	Remarks.
Prince Edward	R. Boyle	No.	\$1 00				\$ cts.	In all cases parties owning scales bargained with and paid the Adjuster.
Montreal	L. N. F. Roy	Yes					1 00	Adjusted a few weights to oblige parties.
Durham	P. R. Randall	No.						Thinks the Department has made a mistake in authorising Deputy Inspectors to take fees for adjusting, and it will be found to be impossible to fix a scale of fees that will be satisfactory to the Deputy Inspector and the public, as the fees must be regulated by the time it takes to adjust the scale or weight.
Lennox	G. B. Sills	No.						Is not aware of any complaints having been made relative to fees charged for adjusting.
Ontario	T. C. Forman	No.						The majority of scales, weights, &c., have so far required adjustment, and this cannot be done for a trifle,—as many people may imagine,—especially in country places. An Adjuster's outfit for drills, dies, &c., will cost from \$80 to \$100.
Northumberland	J. H. Willoughby	Yes						Has charged 10c. a set of four for boring and plugging weights. When he has adjusted a scale, he has always done so gratuitously. Can give no further information.
Essex	B. Iler	No.						Has been shown accounts for adjusting scales which he considered exorbitant; but upon its being made known that the business of adjusting could be taken up by any one who desired, competition had the effect of modifying the charges.
Glenferry	F. McRae	No.						
Brant	J. Allan	No.						

	<i>E. F. Loucks</i> .....	Yes	10c.	2 10	<i>In all cases was requested by parties owning the weights and measures to adjust them, and did so more to oblige them than anything else. The adjusting was done by a person solely on his own responsibility, and the public was informed accordingly.</i>
Simcoe.....	W. H. Laird.....	No.....	\$1 to \$1 50		
Terrebonne Toronto.....	Thos Lamb..... J. Wingfield.....	No..... No.....	10c.		
St. John, N.B. Moncton, N.E.....	Jas. MacFarlane..... J. T. Carter.....	No..... No.....			
Halifax.....	Jas. Pryor.....	No.....	7c. to 10c.		
Sherbrooke.....	H. J. Pennoyer.....	No.....			
Saruis.....	W. McLean.....	Yes.....	50c. to 75c.	277 05	Hired an Adjuster, whose expenses, &c., he paid out of fees collected for adjusting, which leaves him profits a small item.
Hamilton, Wentworth	Jacob Rymal.....	Yes.....	50c. to \$1 75	11 35	Says it is impossible, before taking apart and examining a scale, to say what the charge for adjusting should be.
Oxford.....	Geo. Holson.....	No.....			
Kingston.....	W. L. Baxter.....	No.....			
Lunenburg.....	I. Hendry.....	No.....			
Annapolis.....	E. E. Tupper.....	No.....			Has had no difficulty in securing the services of a competent mechanic to perform the work of adjusting, the owners of weights and measures in all cases making their own bargain with him. Is of the opinion that the adjusting of weights and measures by the Deputy Inspector would in the end produce general dissatisfaction.
Cape Breton.....	L. E. Tremain.....	No.....	10c.		Has assisted to adjust weights and measures, &c., submitted to verification, but always did so gratuitously.
Brockville.....	S. Carruthers.....	No.....			
Pictou, N.S.....	Henry Fraser.....	No.....			States that all the adjusting done in his Division has been done by one person, a competent mechanic. Has heard no complaints relative to his charges, &c.
Campe.....	G. Michand.....	No.....			
Kent.....	Jno. Watts.....	Yes.....	5c.	2 65	Was satisfied that the difficulties that would arise from allowing Deputy Inspectors to adjust weights and measures would prove very annoying to all concerned.
London.....	J. J. Spetigue.....	No.....			

APPENDIX H.

SYNOPSIS OF REPLIES from Deputy Inspectors of Weights and Measures to Circular 155—Continued.

Divisions.	Deputy Inspectors.	Acting also as	Average Fees charged for adjusting Balances and Platform Scales.	Average Fees for Weights.	Average Fees for Measures of Capacity.	Average Fees for Lineal Measures.	Fees collected by Deputy Inspectors for adjusting.	Remarks.
Missisquoi .....	B. A. Haskell.....	No.....					\$ cts.	States that very many of the scales brought to the Adjuster were in a dreadful state. Has known a mechanic to work three days on a scale before he could get it up to the required standard; says it is an extremely nice job, and that no man but a thorough workman, and one who has had an experience in this particular branch of mechanics need attempt to adjust scales. Cannot see how the fees chargeable for adjusting can by any possibility be fixed by law, or by any other person than the one who does the work.
Middlesex .....	Jas. Campbell.....	No.....						Does not approve of that portion of the Act which allows Deputy Inspectors the privilege of adjusting weights and measures and charging for the same, as it leaves an opening for them to use deception;—that is to find weights and measures wrong in order that they may charge for adjusting the same. It is a matter of impossibility for the Government to make a schedule of fees for adjusting, as some scales require three times the amount of labor expended on them that others do, &c.
Elgin .....	Jno. Campbell.....	No.....	50c. to \$3					Heard no complaints as to Adjuster's charges. Considers that the work was done at as low rates as possible.
Hull, Pontiac, Beaupharois, Muskoka .....	P. Lynch, C. B. Dewitt, Jas. Sharpe.....	No, No, No.....						All parties owning weights and measures, &c. made their own arrangements for adjusting.

Wellington	H. H. Swinford, No.									
W.iland	A. A. Davis, No.	5c.								Has in all cases left the matter of adjusting in the hands of owners of weights and measures, &c., which he considers the better way, as he is not a mechanic.
Montmorenci	T. Larue, No.									Heard no complaints of charges made for adjusting.
Hastings	J. P. Macdonnell, No.	83c.								Says that scales should be averaged at \$1, including the weights, for each scale. Approves of that section of the amended Act which allows Deputy Inspectors to do the work of adjusting, thereby saving the public from the grasping extortion of the Adjusters.
Saguenay	H. Simard, No.									
Algonia	Wm. Carney, No.									
Richelieu	M. C. Blais, Yes	\$1 to \$3	10c.						153 75	States that parties owning weights and measures, &c., were well satisfied with his adjusting and charges for same, and that in country places he considers it really necessary that the adjusting should be done by the Deputy Inspector. Sees difficulties in the way of establishing a tariff of fees for adjusting, &c.
Kings, N.B.	W. O. Slipp, Yes		5c.						1 25	Says he only drilled out a few weights, and inserted lead plugs to receive stamp.
Peterborough	F. W. Hall, No.		10c.							An Adjuster travelled through the Division and adjusted weights, &c., making his own bargain with parties employing him. His charges were considered moderate. Platform scales and weigh-bridges, when materially out of order, were adjusted by mechanics employed by the owners.
Yarmouth	J. M. Lacin, Yes	55c.	10c.						23 65	States that he could not have got on with the work of inspection had he not had an Adjuster with him. As a general thing, scales, weights, &c., brought for adjustment are in a wretched state, and have to be taken apart, cleaned and bearings repaired or renewed—work which requires mechanical skill to execute, &c. Parties owning weights and measures made bargains and arrangements with the Adjuster as to charges, &c.
Fredericton	E. C. Froye, No.									
Victoria	W. A. Silverwood, Yes		5c.						15 80	
Halton	Thos. Smith, Yes		10c.						1 0	Adjusted 19 weights only.
Montmarney	X. Nadeau, No									
Woodstock, N.B.	W. Dobbie, No.									
Grey	D. Campbell, No.									Considers the passing of Sec. 6 of the Amended Act was a mistake—a step in the wrong direction, and one that will ultimately, if put in force, lead to much trouble.

APPENDIX H.

SYNOPSIS OF REPLIES FROM DEPUTY INSPECTORS OF WEIGHTS AND MEASURES TO CIRCULAR 155—Concluded.

Divisions.	Deputy Inspectors.	Acting also as Adjusters.	Average Fees charged for adjusting Balances and Platform Scales.	Average Fees for Weights.	Average Fees for Measures of Capacity.	Average Fees for Lineal Measures.	Fees collected by Deputy Inspectors for adjusting.	Remarks.
Manitoba.	R. T. Huggard.	No.						States that parties in his Division having weights and measures adjusted, had them done under their own authority, and by whom they chose.
York	H. McCutcheon.	No.						
4-Bruce	C. B. Stevens.	No.	75c. to \$1 00	5c. to 10c.				States that nearly all the scales required a considerable amount of work to adjust them—some much more than others. Heard no complaints as to the charges of the adjuster.
Ottawa.	E. A. Lapierre.	Yes	25c. to \$4 50	10c.			10 20	States that he adjusted only one scale. Would much prefer not being called upon to adjust.
Hamilton.	H. Sheppard.	No.						
Hull City	A. Berthiaum.	No.						Thinks that if some arrangement could be made by which the Deputy-Inspector could have the control of the adjusting, the work of inspection could be much expedited.
Niagara	L. D. Winchester.	No.						
Huron.	C. Morrow.	Yes	75c.					Says dissatisfaction has been freely expressed with regard to the amount of fees charged by adjusters in his Division; but, so far as he has had an opportunity to investigate alleged cases of extortion, he failed to discover much just cause for complaint.
Colchester, N.S.	A. McKay.	No.						States that parties owning weights and measures in his Division adjusted their own weights and measures, or employed some person to do it for them.
Lenark.	J. W. Manning.	No.						
Norfolk.	T. R. Slaght.	No.						
Guyshoro'	A. J. O. Maguire.	No.						



<i>Hants, N.S.</i>	<i>S. G. Kerr</i>	<i>No.</i>								
<i>Waterloo</i>	<i>Jno. McDougall</i>	No								<i>States that he had not begun the work of inspection Sept. 27, 1877.</i>
<i>Drummond</i>	<i>O. N. Pacand</i>	No								<i>Has had no adjusting done under his authority.</i>
<i>Bellechasse</i>	<i>F. Lamontagne</i>	No								
<i>Lotbinière</i>	<i>H. Q. De St. George</i>	No								<i>Says that he has occasionally adjusted a weight when it only required the leaden plug added to or taken therefrom, but had never made any charge for so doing.</i>
<i>Iberville</i>	<i>J. M. Lanier</i>	No								
<i>Renfrew</i>	<i>Jas. Stewart</i>	Yes	90c.	10c.	1 50					<i>States that on second inspection scales will not require much in the way of adjusting; thinks that an average of 50c. each will cover the cost; weights added would make the average cost about 90c.</i>
<i>Stratford</i>	<i>J. H. Gould</i>	No								
<i>Three Rivers</i>	<i>Wm. Chagnon</i>	No								
<i>Quebec</i>	<i>Jos. Gregoire</i>	Yes			20 00					<i>Has adjusted a few balances and weights. Gives no prices.</i>
<i>Levis</i>	<i>A. Lavéque</i>	No								
<i>Chamby</i>	<i>J. Lamoureux</i>	No								
<i>Beauce</i>	<i>J. B. Mercier</i>	No								
<i>Rimouski</i>	<i>D. Onellet</i>	No								<i>He informs the public that they can get their weights and measures adjusted by any person they see fit to employ.</i>

## APPENDIX I.

DEPARTMENT OF INLAND REVENUE,

OTTAWA, 1st August, 1877.

*Circular.*

SIR,—The Department is informed that several Deputy Inspectors of Weights and Measures, have, since the passing of the Act 40 Vic., Chap. 45, been acting as Adjusters of Weights and Measures and Weighing Machines, and under authority of section 6 of the said Act, collecting fees for such adjustment.

As complaints have reached the Department as to the amount of fees collected, it is considered inexpedient that Deputy Inspectors should continue to receive them, until the Government has decided upon some regulations as to the amount of fees to be charged for adjustment, and I am to instruct you to forward to this Department, with as little delay as possible, a detailed statement of moneys collected by you, or under your authority, for adjusting weights and measures or weighing machines, since the first of May last, giving the names of parties from whom the moneys were collected, with full particulars of the work done.

*MEMORANDUM of instructions as to adjustment given in special cases.*

\* \* \* \* \*

I have now to authorize you—

1st. To affect the adjustment of ordinary weights where the services of a proper mechanic cannot be obtained. You may also adjust measures of capacity, if you feel yourself competent to do so, but you are on no account to meddle with platform scales or weighing machines, which require a more complete knowledge of mechanics than you are likely to possess, and the attempt to adjust them might involve you or the Department in claims for damages.

2nd. With reference to the fees to be charged for such services, I have to instruct you that you have to be exceedingly careful *not* to make your charge excessive, making them in accordance with the time occupied in performing the work.

3rd. You are to make an exact return of all fees collected for such services, and the amount so collected is to be deposited to the credit of the Receiver General, or transmitted by Post Office Order as the fees for verification are transmitted, making of course a separate deposit account of the fees taken for adjustment.

A. BRUNEL,

*Commissioner.*

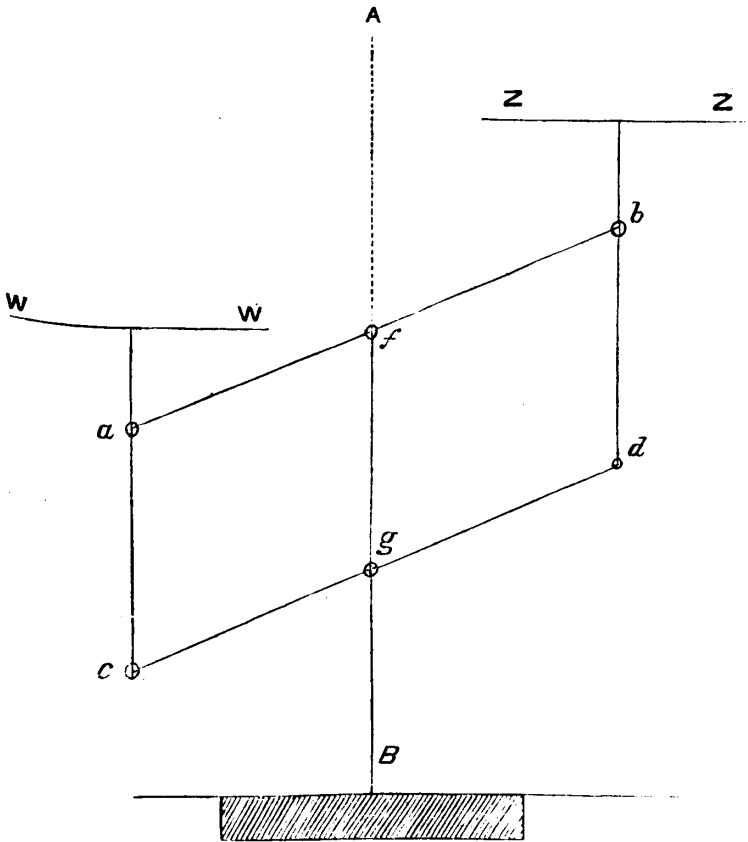
APPENDIX K.

**MEMORANDUM** in relation to the "Roberval balance," and the possibility of fraudulent weighing with it when out of adjustment.

In my third Report I directed attention to a description of scale in very common use, and originally known as the "Roberval balance." I pointed out that as commonly made it could easily be distorted so as to produce false weighing either in excess or deficiency at the will of the person using it.

The principal of this balance is shown in the following diagram.

Fig 1



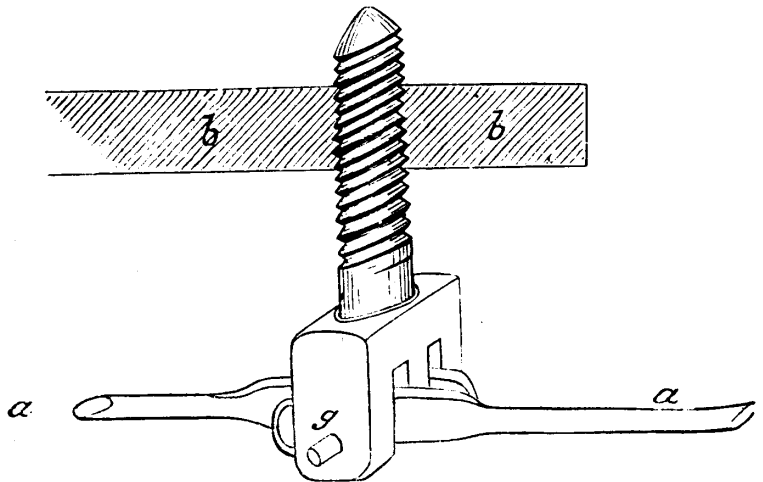
The accuracy of the balance depends on the bars  $a b$ ,  $c d$ ,  $a c$  and  $b d$ , forming a true parallelogram, that is  $a b$  must be equal to  $c d$  and  $a c$  to  $b d$ . The bar  $a b$  is suspended on a knife edge fulcrum at  $f$  as in an ordinary equal arm balance, while the lower side of the parallelogram  $c d$ , is pivoted at its exact centre upon a pivot  $g$ , which must be in a vertical line  $A B$  drawn through  $f$ , and the distance between  $f$  and  $g$  must be exactly equal to  $a c$  or  $b d$ .

When the arrangement above described is accurately worked out, the oscillation of the parallelogram on the fulcrum at  $f$  will always produce a truly vertical movement of the sides  $a c$  and  $b d$ , and whether the load in the pan is placed at  $Z$  or  $Z'$ , it will during the oscillation move through the same vertical space, and will therefore produce the same effect on the weight in the other pan, whether placed at  $W$  or  $W'$ .

It is obviously essential to the reliability of such a balance that it be so constructed that under ordinary usage the equality and adjustment of the several parts shall be maintained, and that there shall be no ready means for distorting them.

Manufacturers of this description of scale find it convenient to make the bar  $c d$  in two parts, each equal to one-half the length of  $a b$ , each half being pivoted at  $g$ . In order that the balance may work accurately, the pivot at  $g$  must be in the same straight line as the pivots  $c$  and  $d$ . It is therefore necessary that the pivot  $g$  should be placed at the true distance from  $f$ , and that the construction be such as to prevent the possibility of changing the relative position of  $g$  and  $f$  without using so much violence as would be likely to attract the notice of an inspector, and as would prevent the rectification of the error except by a partial reconstruction of the balance.

Usually these balances are so constructed as to offer no security against being tampered with. The pivot at  $g$  is sometimes carried in a stud screwed into the main frame of the balance as shown in the

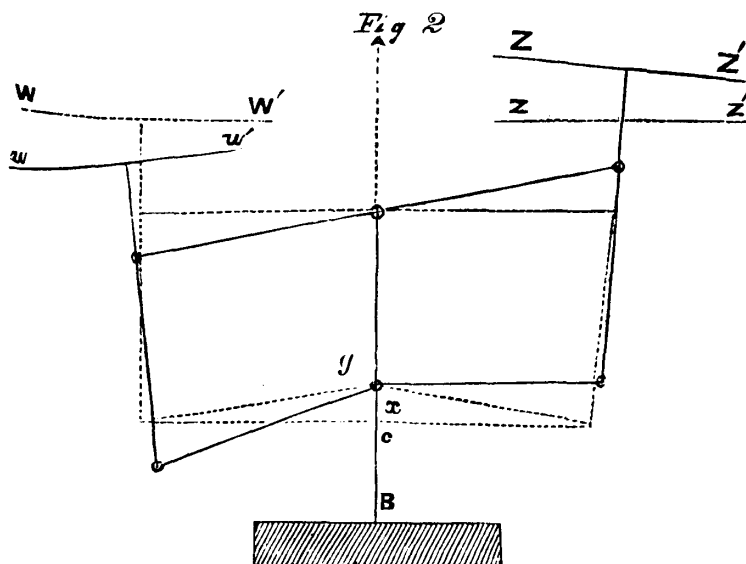


figure, where  $b b$  is the frame of the scale and  $a a$  the lower side of the parallelogram so that by removing the pivot  $g$ , which is only a piece of small steel wire, the stud can be screwed further in or the reverse. I have seen one balance in which this change can be carried so far as to make a difference of ten per cent. in the weighing, the change from one position to the other being the work of a few minutes.

But generally the pivot  $g$  is carried by a slender wrought iron bar inserted in the casting. This bar is from three to five inches long, and by the application of a very moderate degree of force it can be bent in either direction to an extent sufficient to produce a very material effect of the balance. This mode of construction is apparently intended to facilitate the adjustment of the position of the pivot during the construction of the balance.

Experimentally I have ascertained the extent to which the description of Roberval balance, most commonly used, can be affected without using so much violence, or so far distorting it as to attract the notice of an ordinary observer. But as it appeared desirable to investigate the principles involved in the cause of error I submitted the problem to Professor Cherriman who has given me as the result of his investigation the formulæ presently stated whereby the percentage of error in the weighing may be computed when the dimensions of the balance and the amount of distortion at  $g$  are known.

The following diagram (No. 2.) is given in illustration of the manner in which these balances may be distorted for fraudulent purposes.

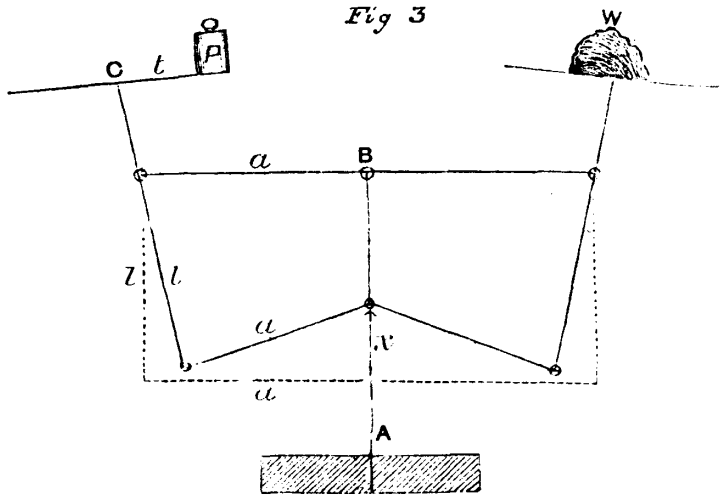


The dotted lines shew the position of the distorted balance when in equilibrium, the central pivot which should be at  $c$  having been forced up to  $g$ , thereby destroying the parallelogram on which the balance depends for its accuracy. The full lines show the position of the limbs of the balance when the left hand pan has been depressed. An inspection of the figure will show that if the weight has been placed at  $w$ , it will not have descended through a vertical trace, while it will have descended through a greater distance than a load placed in the opposite pan either at the centre of the pan or at its outer margin as at  $z'$ . These conditions gives the weight at  $w$  a preponderance over an equal weight placed at  $z'$ . Reversing these conditions placing the weight at  $w'$  and the load at  $z$  the latter will for the same reason have a preponderance over the weight.

Or if the weight and load are each placed in the centre of the respective pans the weighing may be correct. Hence it will be seen that the weigher has it in his power to weigh, with a scale which has been thus tampered with, either correctly, in excess or in deficiency.

So much is evident from an inspection of the diagrams, but the geometry of the problem reveals other causes of error not so easily detected or explained, and as to which it is not necessary to enlarge here.

The following is Professor Cherriman's formula.



Let P be the weight, and W the load; then in general, that one of the two which is nearest horizontally to the central vertical axis A B will be the greater. In the particular case where the distance x through which the pivot has been displaced is very small, suppose W to be at the centre of its scale, and P to be placed at a distance t from C the centre of its platform inwards or towards the central axis, the approximate error is given by the formula,

$$\frac{P-W}{P} = \frac{t x}{a l}$$

where a, l are the horizontal and vertical arms.

Putting a = 53, l = 36, x = 3, t = 20, the error comes out

$$\frac{20 \times 3}{53 \times 34} = \frac{60}{1802} \text{ or nearly } \frac{1}{30} \text{ of P.}$$

Hence if the value of P is 30 lbs. the error would be one pound in deficiency.

If P were placed at the same distance t to the left of C, the same expression would apply for  $\frac{W-P}{P}$  and the error would then be in excess.

**REPORT**  
ON  
**ADULTERATION OF FOOD**  
BEING  
SUPPLEMENT No. III,  
OF THE REPORT  
OF THE  
DEPARTMENT OF INLAND REVENUE,  
  
1877.

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Printed by Order of Parliament.

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ADULTERATION OF FOOD.

COMMISSIONER'S REPORT.

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To the Honourable  
The Minister of Inland Revenue.

SIR,—I have now the honour to submit my second Report respecting the analysis of food together with the reports of the Analysts appointed under the provisions of the Act 37 Vic., cap. 8, and tabulated statements prepared in this Department of the results of the analysis of the various samples submitted to them.

1. Appendix II is a memorandum of the number of samples of each article which the respective officers were directed to submit to the Analysts. The officers were instructed to consult with the Analysts both to the time and manner of securing the sample. The following statement is a summary of the whole number of samples analyzed.

Name of Article.	Total No. of Samples Analyzed.	No. of Samples Adulterated.	No. of Samples Unadulterated.
Allspice.....	13	7	6
Bitters (Quinine Wine).....	5	4	1
Butter.....	49	23	26
Cassia.....	2	.....	2
Cloves.....	6	5	1
Cinnamon.....	6	6	.....
Cocoa and Chocolate.....	2	.....	2
Coffee.....	44	34	10
Ginger.....	21	17	4
Milk.....	90	53	37
Mustard.....	19	18	1
Pepper.....	36	30	6
Other Spices.....	4	.....	4
Paris Green.....	50	30	20
Preserved Vegetables.....	22	1	21
Potted Meats.....	3	.....	3
Spirits.....	1	.....	1
Sugar.....	34	4	30
Sweets.....	20	.....	20
Tea.....	59	15	44
Unenumerated Articles.....	2	.....	2
Total.....	488	247	241

- Proportion of samples adulterated. 2. From the above it appears that of the whole number of samples analyzed somewhat more than one-half were adulterated. Milk continues to be largely adulterated, and in reference thereto I may refer to Sections 7, 8, 9 and 10 of my first Report to which I may add that the experience now acquired in connection with the adulteration of this important article of food is now sufficient to justify the issue of specified instructions to our officers, as to what should be considered as an adulteration within the meaning of the Act, and I submit that in cases coming within these rules proceedings should be taken against the vendors either by the officers of this Department or by the parties defrauded, who should be supplied with the particulars of the adulteration.
- Condiments. 3. The reports of the Analysts continue to show that a very large proportion of the condiments submitted are adulterated and to a very considerable extent. This is especially the case with ground cloves, ginger, mustard and pepper.
- Coffee. 4. Coffee appears to be very largely adulterated. Of forty-four samples only ten were found pure. Tea is also found to be adulterated though to a less extent. Of fifty-nine samples forty-four were pure.
- Butter. 5. Forty-nine samples of butter were examined during the year, and of these twenty-three were adulterated.
- Paris Green. 6. At the request of the Secretary of the Department of Agriculture and Statistics, fifty samples of Paris Green were submitted to the Analysts. This article being largely used by agriculturists for the protection of the potato crop from insect pests, it was considered desirable that reliable information should be obtained as to the degree of purity in which it is sold. The reports of the Analysts on this subject are referred to. They contain observations which may be found to afford useful suggestions to purchasers of the article.
- Value of the law. 7. The Act has now been in force during a period sufficient to afford a fair test of its value, and it is not too much to say that the reports made to the Department show conclusively that it affords the means of exposing dishonesty in traders and of protecting the consumer against the adulterations of his food, which if not deleterious have undoubtedly the effect of imposing on him worthless articles in lieu of the genuine article for which he pays his money.
- The whole Dominion should be brought under its operation. 8. This being the case, I submit that the time has arrived for bringing the whole of the Dominion under the operation of this law in the manner suggested in the final paragraphs of my first Report.

9. By the courtesy of the Directors of the Laboratory attached to the Inland Revenue Department at Somerset House, London, I am enabled to attach to this Report sixty engraved figures of microscopic objects, illustrating the adulterants used for the adulteration of various articles of food ; as also of articles used in the manufacture of tobacco as a substitute for the genuine leaf, with a view to accounting fraudulently for leaf which has evaded payment of excise duty. These objects have been very carefully engraved from the original photographs, and it is believed that they will be of great value not only to the Official Analysts but also to other experts who either on their own account or on behalf of their clients may desire to examine samples of food bought by them.

Engravings of  
microscopic  
objects.

Respectfully submitted,

A. BRUNEL,

*Commissioner of Inland Revenue.*

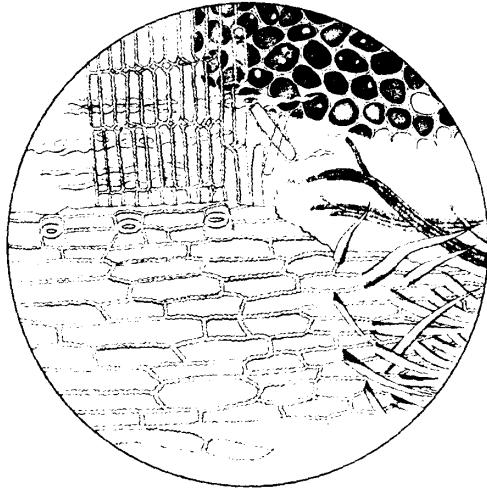
DEPARTMENT INLAND REVENUE,

30th December, 1877.

PLATE I.

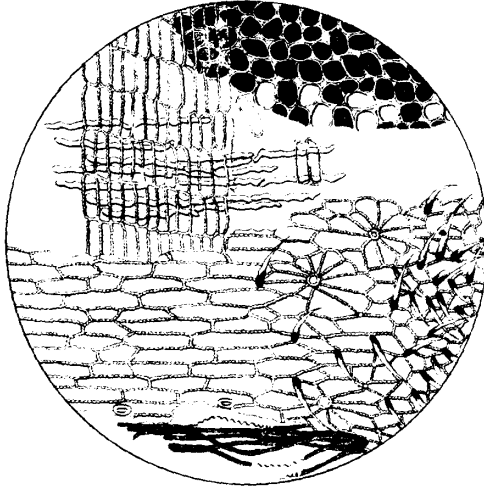
CEREALS.

Fig. 1.



*Skins of Wheat.*

Fig. 2.



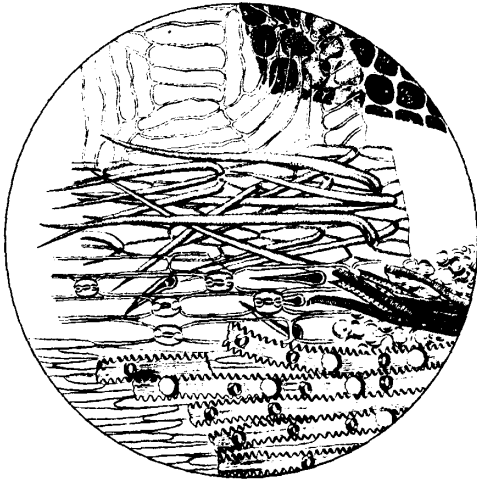
*Skins of Rye.*

MAGNIFIED 100 DIAMETERS

PLATE II.

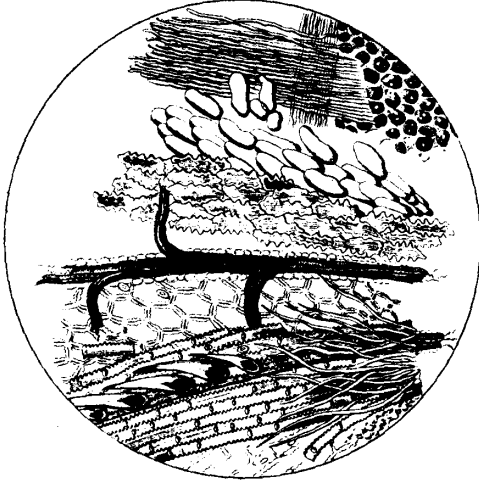
CEREALS.

Fig. 3.



*Husks and skins of Oat.*  
MAGNIFIED 200 DIAMETERS.

Fig. 4.

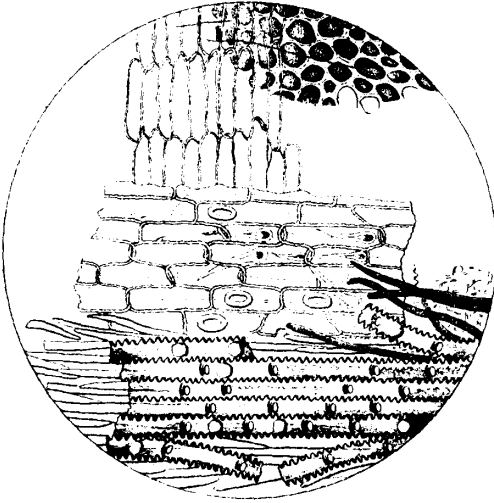


*Husks and skins of Durra.*  
MAGNIFIED 100 DIAMETERS

PLATE III.

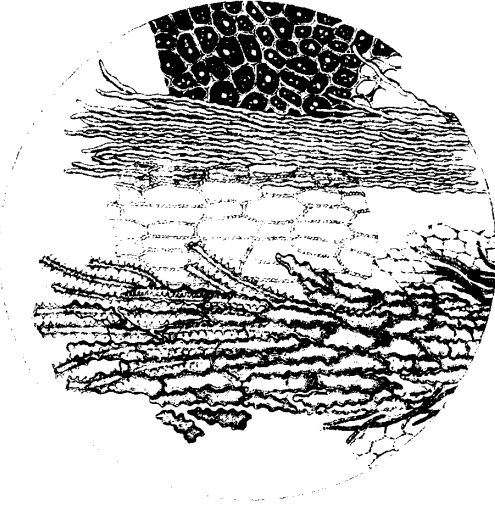
CEREALS.

Fig. 5.



*Husks and skins of Barley.*  
MAGNIFIED 200 DIAMETERS.

Fig. 6.



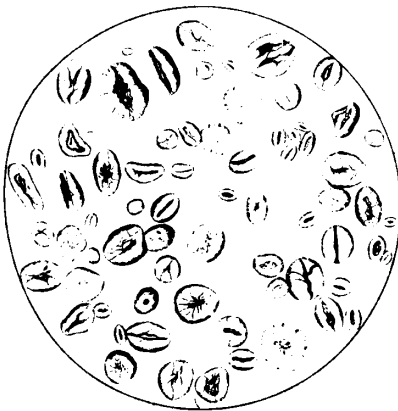
*Skins of Maize.*  
MAGNIFIED 100 DIAMETERS.



PLATE IV.

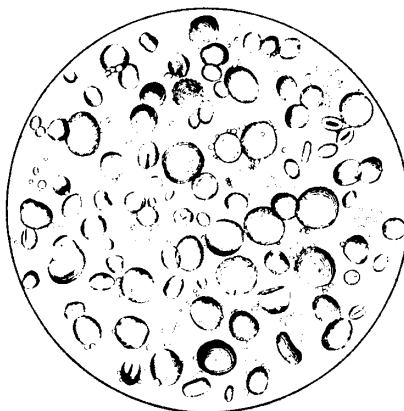
STARCHES.

Fig. 7.



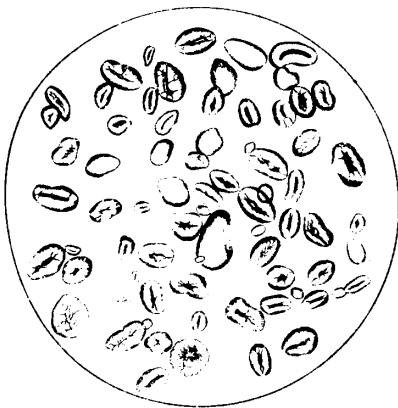
Bean.

Fig. 8.



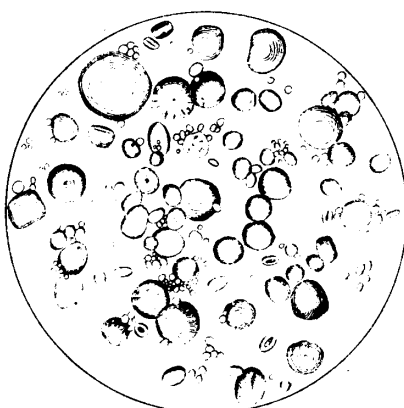
Barley.

Fig. 9.



Pea.

Fig. 10.

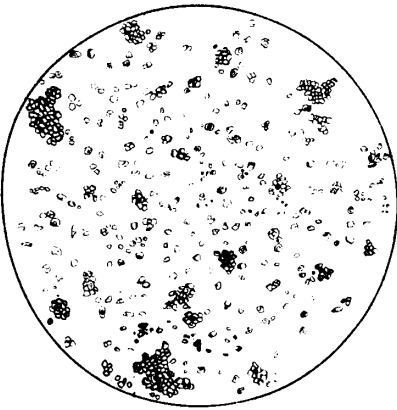


Wheat.

MAGNIFIED 175 DIAMETERS.

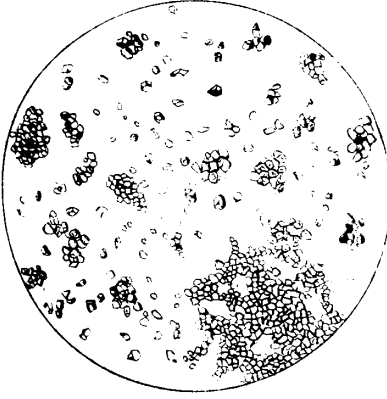
PLATE V.

FIG. 11.



Rice.

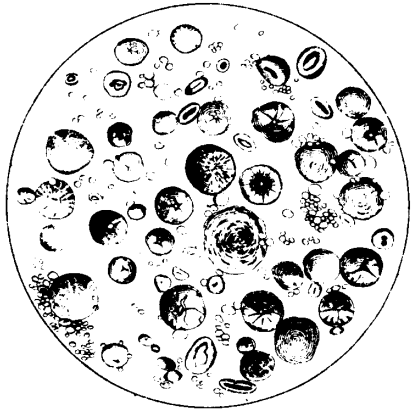
FIG. 12.



Oat.

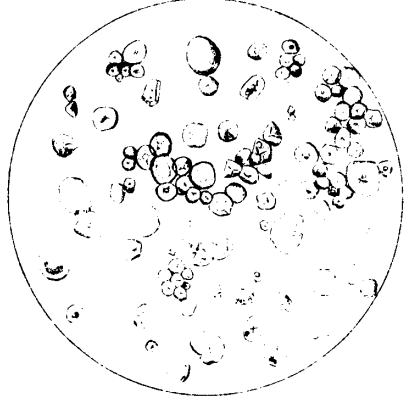
STARCHES.

FIG. 13.



Rice.

FIG. 14.

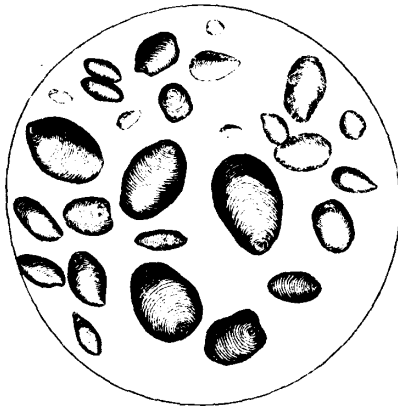


Maize.

MAGNIFIED 175 DIAMETERS

PLATE VI.

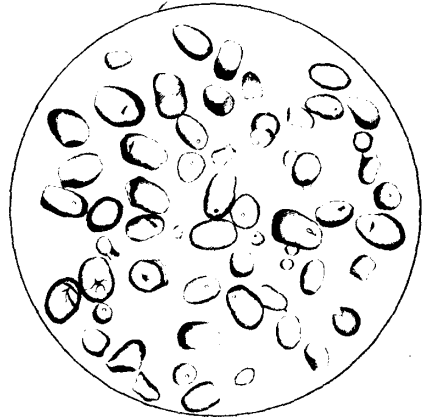
Fig. 15.



*Taus-les-mois.*

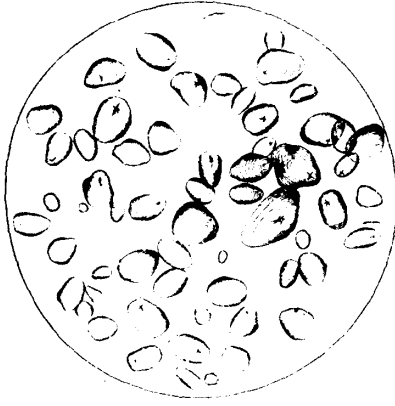
STARCHES.

Fig. 16



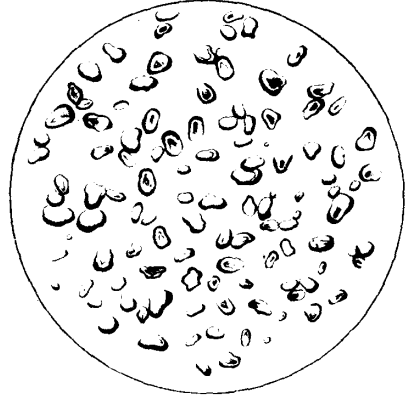
*Sago.*

Fig. 17.



*Potato.*

Fig. 18.



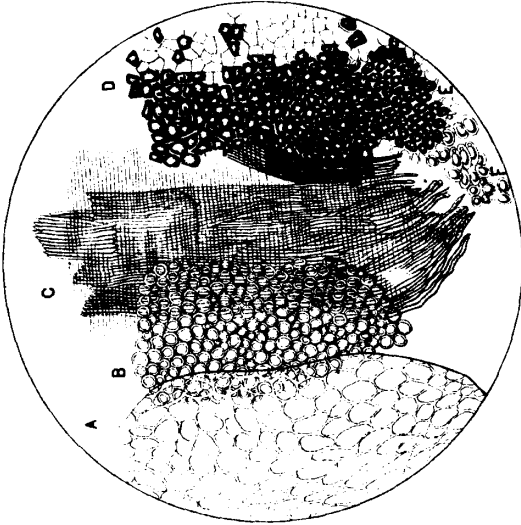
*Orris root.*

MAGNIFIED 175 DIAMETERS.

PLATE VII.

LINSEED.

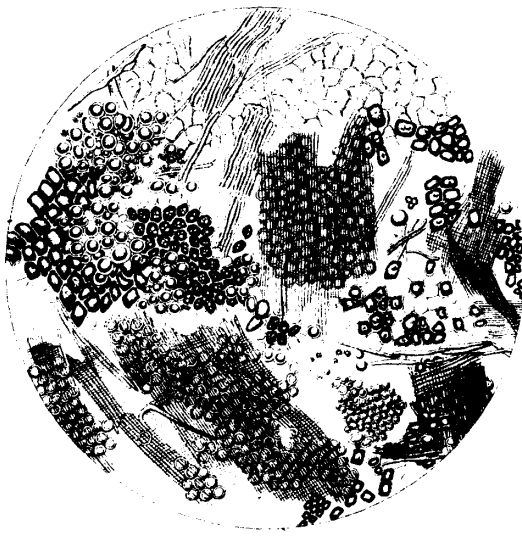
Fig. 19.



STRUCTURES OF SEED.

A. to E. Layers 1 to 5.  
F. Oil cells.

Fig. 20.



Ground Linseed.

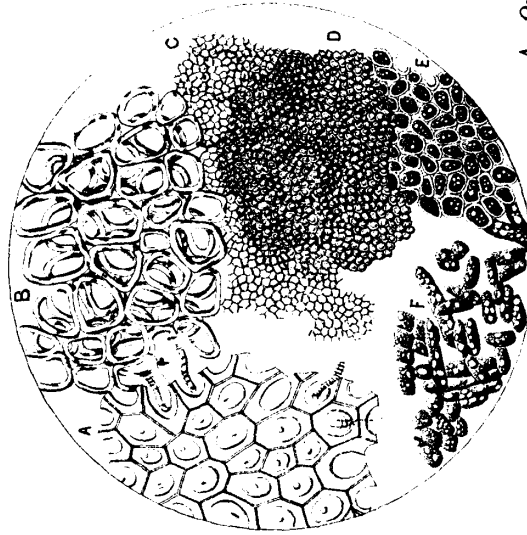
MAGNIFIED 95 DIAMETERS.

PLATE VIII.

MUSTARD.

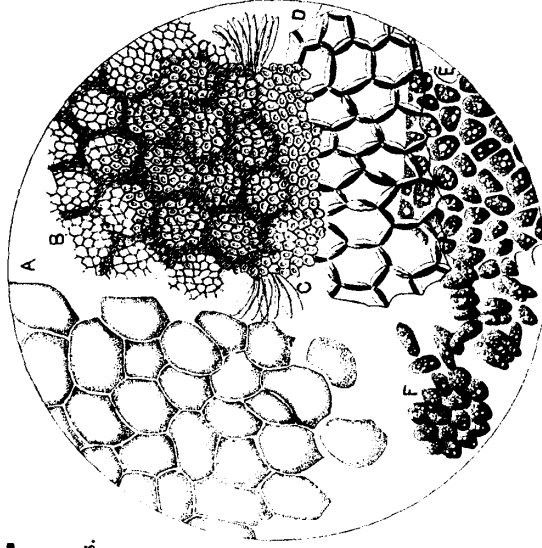
MAGNIFIED 120 DIAMETERS.

Fig. 21.



White.

Fig. 22.



Red.

A. Outer membrane of seed.

B. Second layer.

C. Third do.

D. Fourth do.

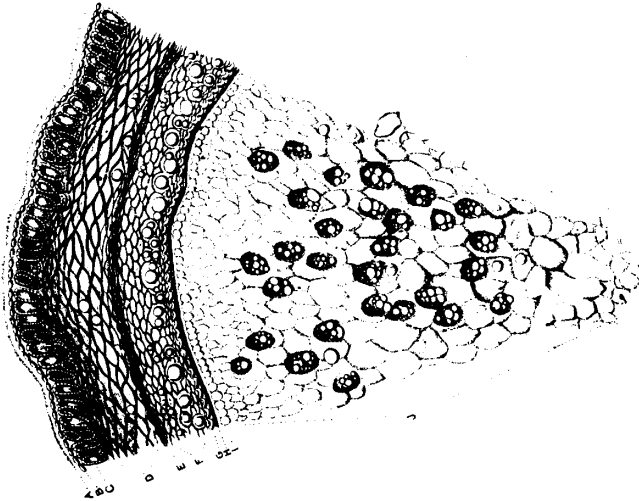
E. Fifth or inner layer.

F. Cells composing the substance of seed.

PLATE IX.

PEPPER.

Fig. 28.

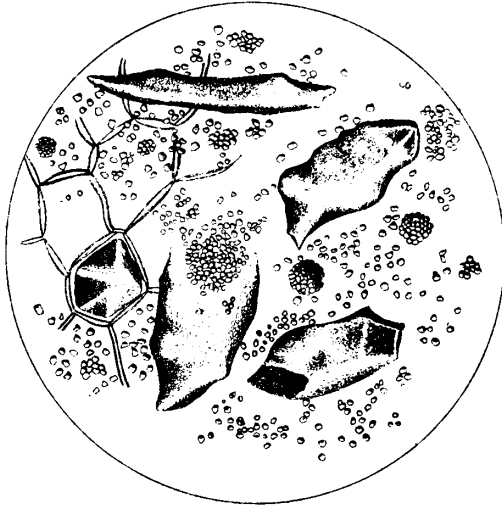


*Section of Berry.*

MAGNIFIED 90 DIAMETERS.

For description of structure see Plate X.

Fig. 24.



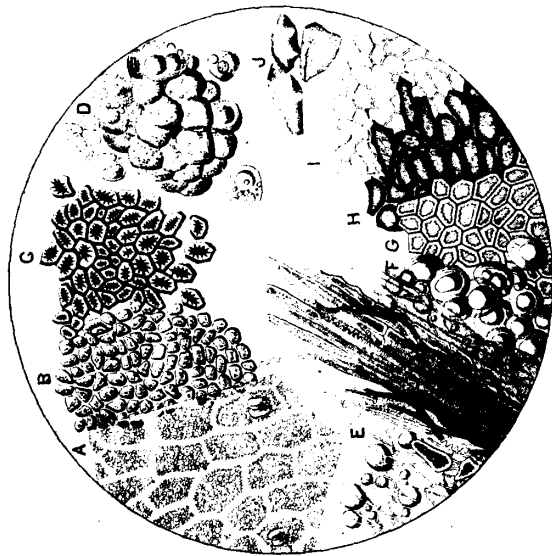
*Starch cells and granules.*

MAGNIFIED 320 DIAMETERS.

PLATE X.

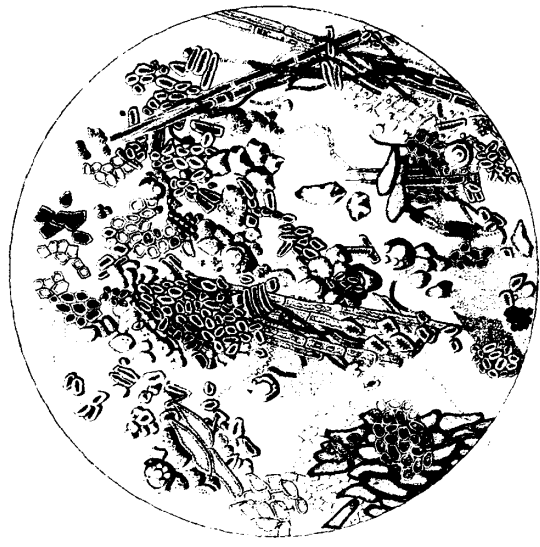
PEPPER.

Fig. 25.



- STRUCTURES OF BERRY.  
MAGNIFIED 150 DIAMETERS.
- A. *First or outer skin, shewing stomatae.*
  - B. *Second layer.*
  - C. *Third do.*
  - D. *Fourth do. containing starch.*
  - E. *Fifth do.*

Fig. 26.

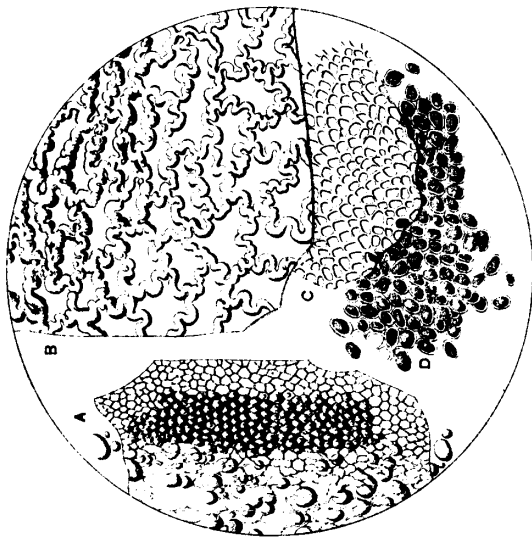


- APPEARANCE WHEN GROUND.  
MAGNIFIED 320 DIAMETERS.
- F. *Sixth layer, composed of oil cells.*
  - G. *Seventh layer.*
  - H. *Eighth do., formed of deeply colored cells.*
  - I. *Ninth do.*
  - J. *Starch cells, composing substance of seed.*

PLATE XI.

CAPUSICUM.

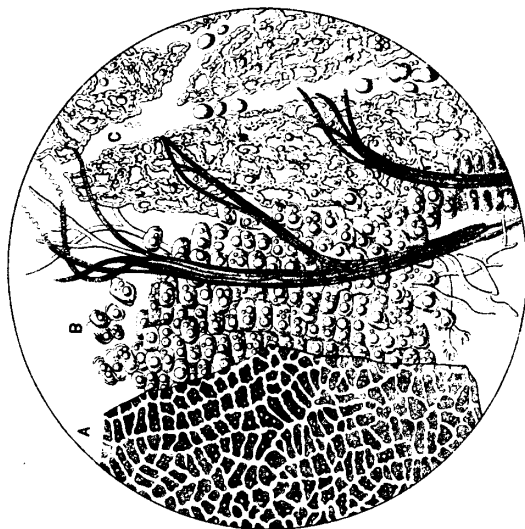
Fig. 27.



TISSUES OF SEED.

- A. *Placenta to which seeds are attached.*
- B. *First or outer layer of seed.*
- C. *Second layer.*
- D. *Cells composing the substance of seed.*

Fig. 28.



TISSUES OF POD.

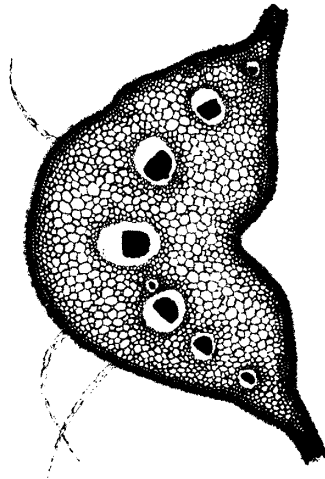
- A. *Epidermis of Pod.*
- B. *Second layer composed of oil cells.*
- C. *Third layer consisting of tortuous cells.*



PLATE XII.

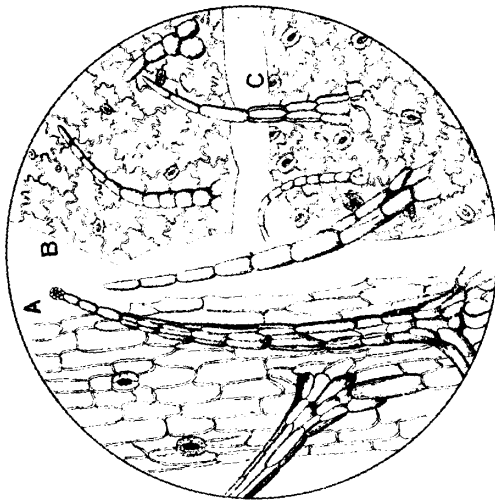
CHICORY.

Fig. 29.



Transverse section of midrib.  
MAGNIFIED 20 DIAMETERS.

Fig. 30.



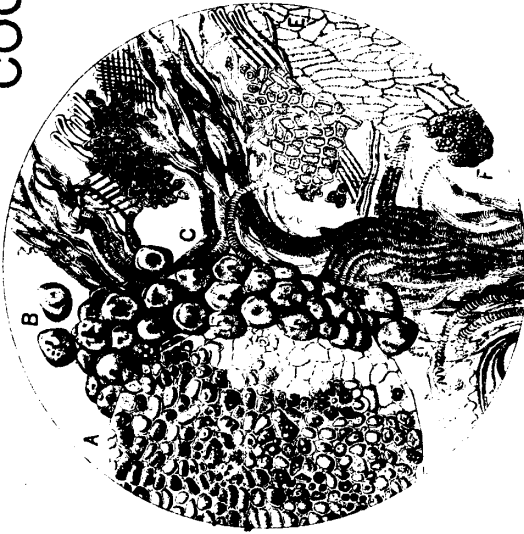
A. Epidermis of midrib of leaf.  
B. do. upper surface of leaf.  
C. do. under do.  
MAGNIFIED 100 DIAMETERS.

PLATE XIII.

COCCULUS INDICUS.

MAGNIFIED 90 DIAMETERS.

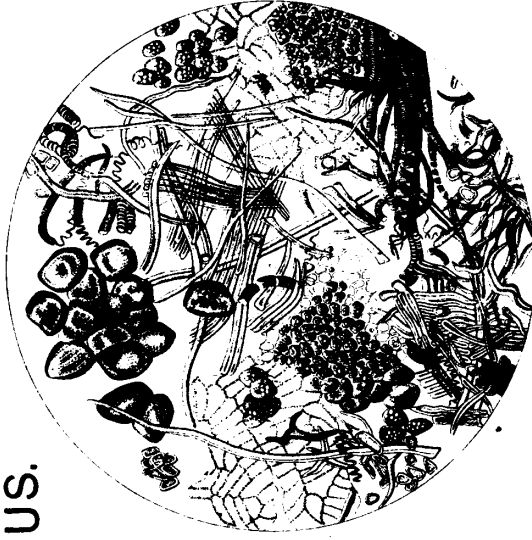
Fig. 31.



STRUCTURES OF BERRY.

- A. Outer skin of berry.
- B. Layer of large cells containing granular matter.
- C. Spiral, woody, and pitted tissues traversing the hard corrugated shell enclosing the nucleus.

Fig. 32.

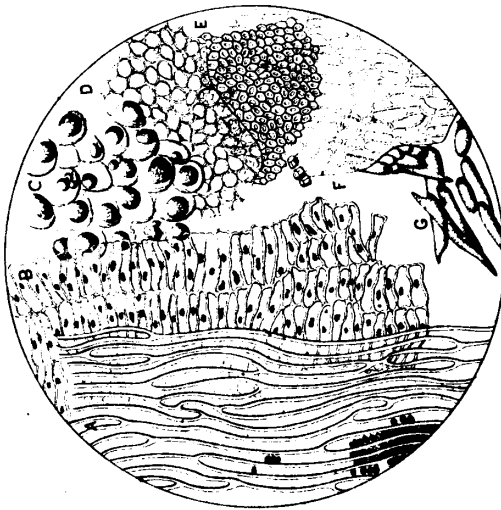


APPEARANCE WHEN BROKEN AND BOILED IN DILUTE NITRIC ACID FOR ONE HOUR.

- D. Thick walled cells and woody fibre composing the shell.
- E. Thin beaded membrane enveloping the nucleus.
- F. Cells composing the nucleus containing oily and crystalline bodies.

GRAINS OF PARADISE.

Fig. 33.



STRUCTURES OF SEED.

- A. Outer skin of seed.
- B. Second layer.
- C. Third layer composed of oil cells.
- D. Fourth layer.

Fig. 34.



APPEARANCE WHEN GROUND AND BOILED IN WATER.

- K. Fifth layer formed of small hexagonal cells.
- F. Membrane enveloping the substance of seed.
- G. Starch cells forming the substance of seed.

MAGNIFIED 110 DIAMETERS.

PLATE XV.  
 VIRGINIAN TOBACCO.  
 (GREEN.)

Fig. 35.

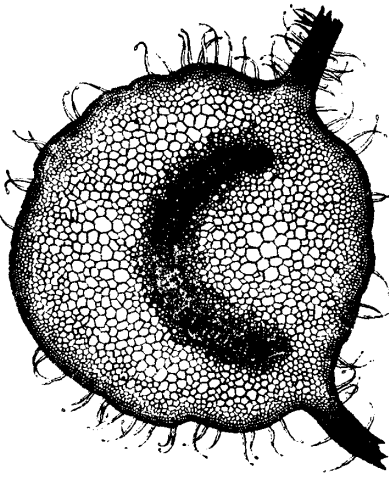
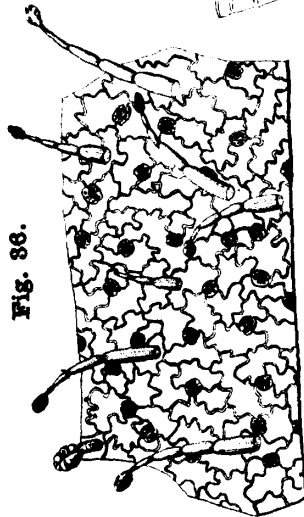


Fig. 36.



*Epidermis of under surface of leaf.*  
 MAGNIFIED 110 DIAMETERS.

Transverse section of midrib.

MAGNIFIED 15 DIAMETERS.

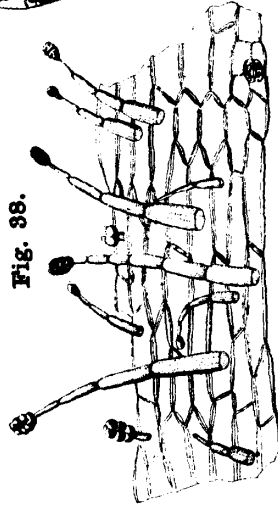
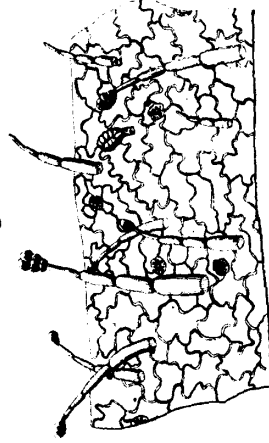


Fig. 38.

*Epidermis of midrib of leaf.*  
 MAGNIFIED 110 DIAMETERS.

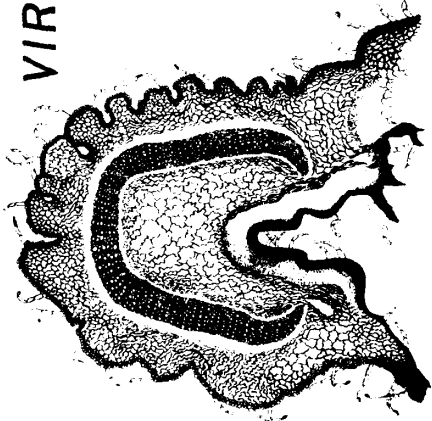
Fig. 37.



*Epidermis of upper surface of leaf.*  
 MAGNIFIED 110 DIAMETERS.

VIRGINIAN TOBACCO.

Fig. 39.

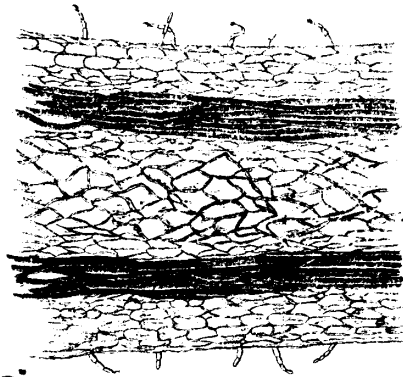


Transverse section of midrib.

(DRY.)

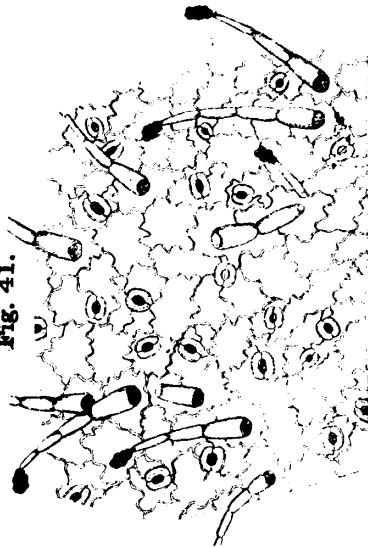
MAGNIFIED 20 DIAMETERS.

Fig. 40.



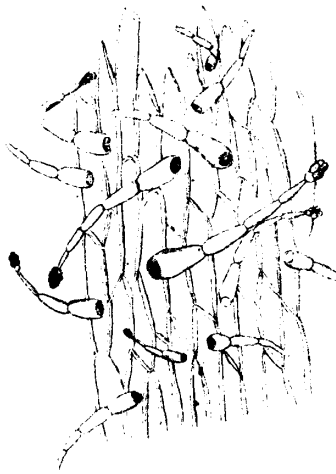
Longitudinal section of midrib.

Fig. 41.



Epidermis of leaf.

Fig. 42.

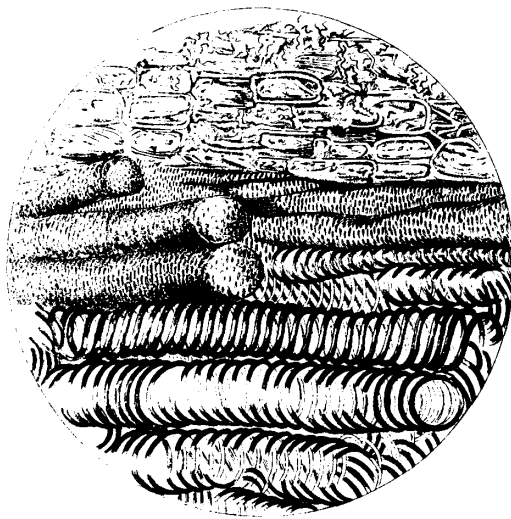


Epidermis of midrib.

MAGNIFIED 100 DIAMETERS.

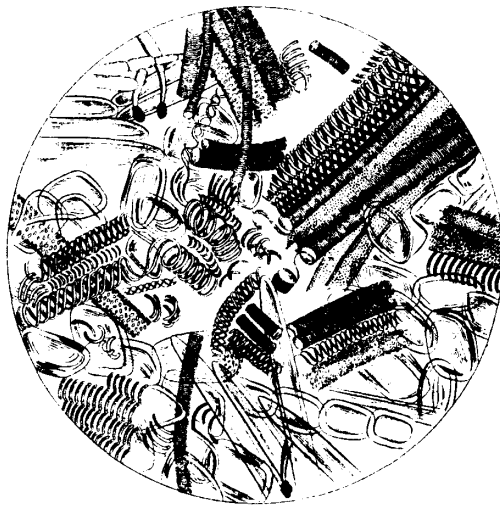
VIRGINIAN TOBACCO.

Fig. 43.



*Longitudinal section of horse-shoe.*  
MAGNIFIED 180 DIAMETERS.

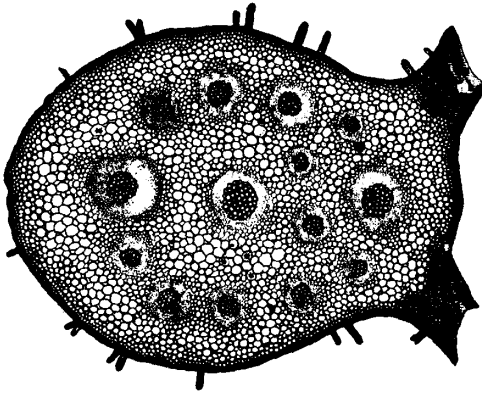
Fig. 44.



*The miter ground as in Snuff.*  
MAGNIFIED 85 DIAMETERS.

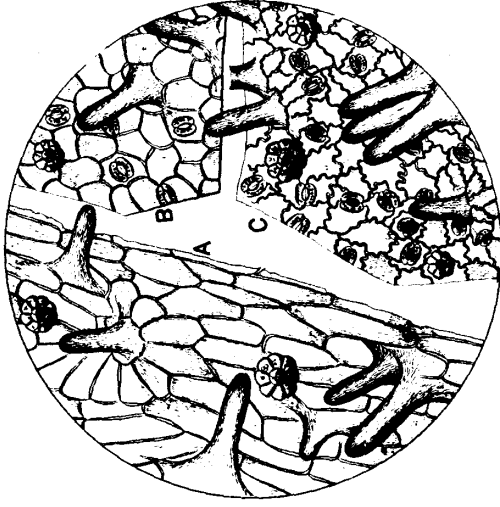
PLATE XVIII.  
RHUBARB.

Fig. 45.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

Fig. 46.

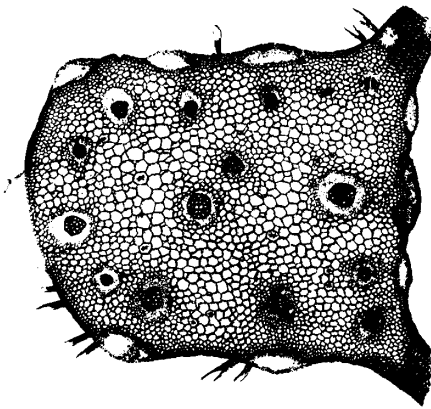


A. *Epidermis of midrib of leaf.*  
B. *do. upper surface of leaf.*  
C. *do. under do.*  
MAGNIFIED 100 DIAMETERS.

PLATE XIX.

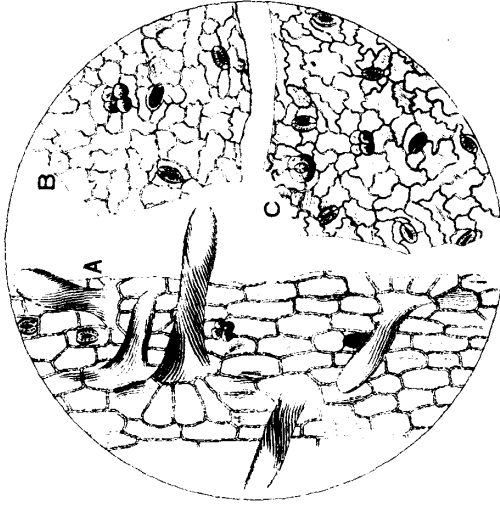
DOCK.

Fig. 47.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

Fig. 48.

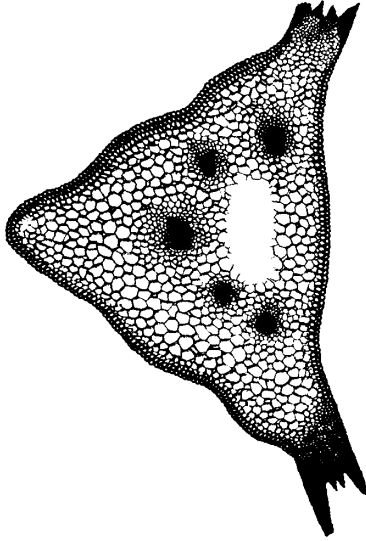


A. *Epidermis of midrib of leaf.*  
B. *do. upper surface of leaf.*  
C. *do. under do.*  
MAGNIFIED 100 DIAMETERS.



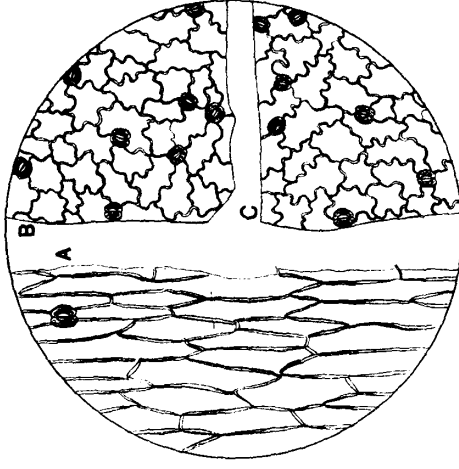
LETTUCE.

Fig. 49.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

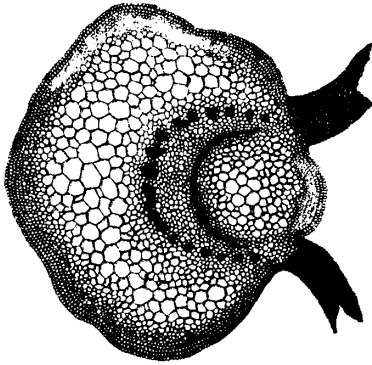
Fig. 50.



A. *Epidermis of midrib of leaf.*  
B. *do. upper surface of leaf.*  
C. *do. under do.*  
MAGNIFIED 100 DIAMETERS.

THORNAPPLE.

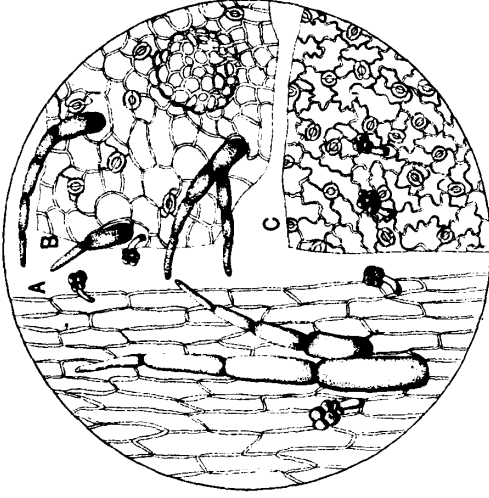
Fig. 51.



*Transverse section of midrib.*

MAGNIFIED 20 DIAMETERS.

Fig. 52.



A. *Epidermis of midrib of leaf.*

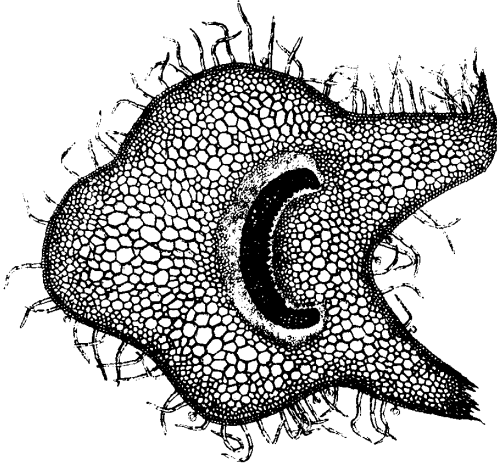
B. *do. upper surface of leaf.*

C. *do. under do.*

MAGNIFIED 100 DIAMETERS.

FOXGLOVE.

Fig. 53.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

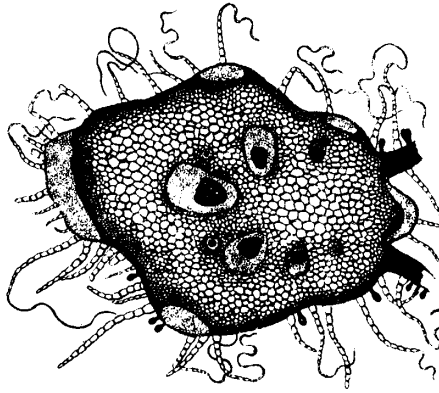
Fig. 54.



A. *Epidermis of midrib of leaf.*  
B. *do. upper surface of leaf.*  
C. *do. under do.*  
MAGNIFIED 100 DIAMETERS.

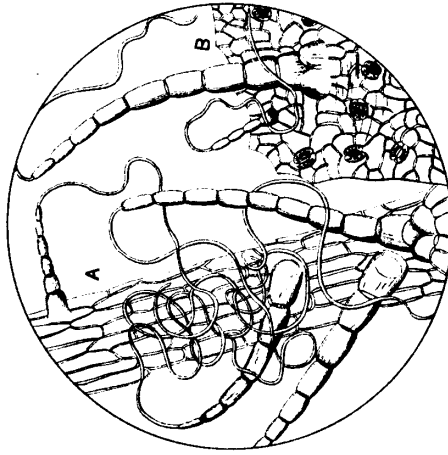
BURDOCK.

Fig. 55.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

Fig. 56.

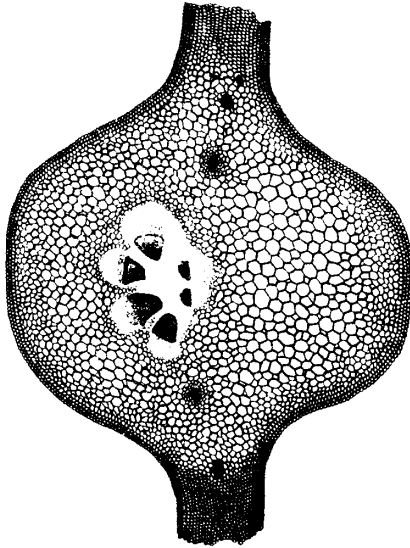


A. *Epidermis of midrib of leaf.*  
B. *do. upper-surface of leaf.*

MAGNIFIED 100 DIAMETERS.

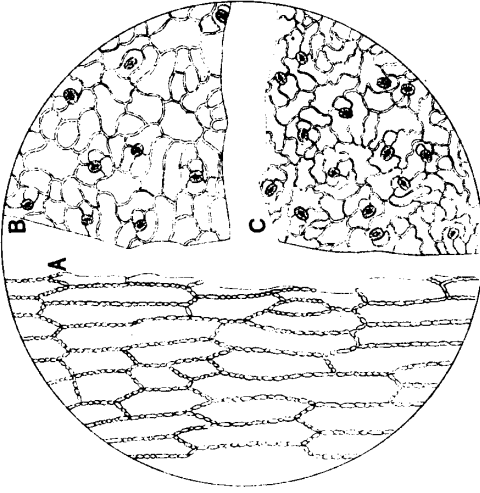
CABBAGE.

Fig. 57.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

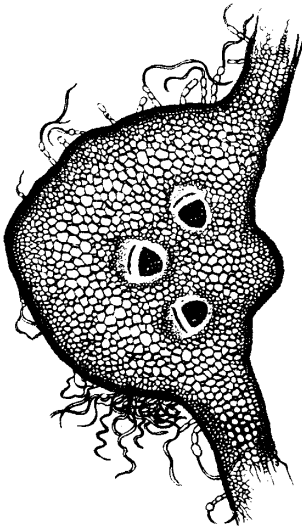
Fig. 58.



A. *Epidermis of midrib of leaf.*  
B. *do. upper surface of leaf.*  
C. *do. under do.*  
MAGNIFIED 100 DIAMETERS.

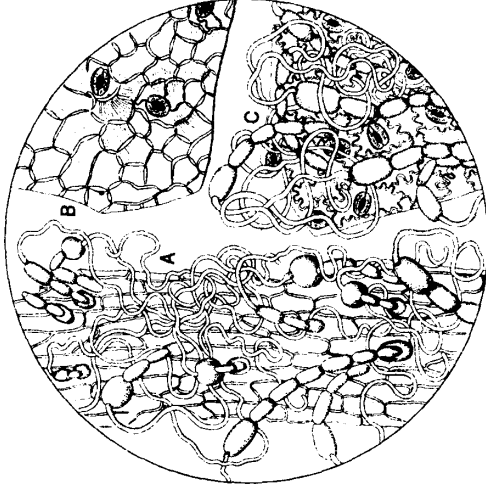
COLTSFOOT.

Fig. 59.



*Transverse section of midrib.*  
MAGNIFIED 20 DIAMETERS.

Fig. 60.



A. *Epidermis of midrib of leaf.*  
B. *do. upper surface of leaf.*  
C. *do. under do.*  
MAGNIFIED 100 DIAMETERS.

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## APPENDIX No. I.

## INSPECTION OF FOOD.

## REPORTS OF PUBLIC ANALYSTS.

## TORONTO DIVISION.

TORONTO, 7th April, 1877.

To the Commissioner  
of Inland Revenue.

SIR,—I have the honor to submit the following report of my analysis during the past three months.

During that time I have received for analysis thirty-one samples of articles of food, viz., twelve samples of tea, three of coffee, six of sugar, four of pepper, five of spices and one of milk. Of these thirty-one samples, fifteen were found to be adulterated and sixteen were unsophisticated. Number of samples analysed.

## TEA.

Twelve samples of tea were submitted for analysis, viz., five specimens of green tea, three of black and four of Japan. In examining these samples, my attention was specially directed, in accordance with your instructions, to the determination of the quantity of theine, and to ascertaining the presence or absence of foreign leaves. I found that the percentage of theine varied from 0.88 to 2.31. In no case did I detect the presence of any foreign leaves. Three samples of green tea (Young Hyson) were "faced" with a pigment containing Prussian blue. This was the only adulteration I was able to detect in the twelve samples of tea. The annexed table gives my results:

ANALYSIS OF TWELVE SAMPLES OF TEA.

Number.	Description.	Extract Soluble in boiling water.		Ash.		Ash of Extract.		Theine.	Adulteration.	No. of Report.
		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
1	Souchong .....	29.36	5.37						None .....	260
2	Congou .....	28.90	5.68	4.10	1.84				do .....	253
3	do .....	28.03	5.68	3.60	1.30				do .....	254
4	Gunpowder.....	40.74	5.67	4.44	2.31				do .....	249
5	Young Hyson...	38.80	5.30	3.92	0.92				do .....	251
6	do .....	34.59	5.95	3.60	1.30				Faced with Prussian blue..	252
7	do .....	37.55	6.17	5.05	0.90				do .....	257
8	do .....	32.61	6.45	3.39	0.88				do .....	258
9	Japan.....	38.10	5.98	3.94	0.91				None .....	250
10	do .....	32.76	6.08	3.89	0.90				do .....	255
11	do .....	29.82	5.81	4.20	1.08				do .....	256
12	do .....	35.23	6.14	3.98	0.91				do .....	259



COFFEE.

Coffee none genuine.

I have examined four samples of ground coffee described respectably as "Rio," "Pure Java" and "Extra quality Java." All were adulterated with roasted wheat, and the Rio and Extra quality Java contained, in addition, chicory.

SUGAR.

Sugar.

The general opinion that sugar is largely adulterated does not hold good in the samples analysed.

Six samples of sugar have been examined. In spite of statements to the contrary which have appeared in the press, none of them contained any injurious ingredient, and none of them had more than a small percentage of glucose. Glucose or grape sugar is present to a greater or less extent, in moist sugar. The opinion is current that sugar is largely adulterated with glucose made from potato starch, &c. This is evidently not the case in any of the samples which I have examined.

ANALYSIS OF SIX SAMPLES OF SUGAR.

No.	Number of Report.	Description of Sample.	Cane Sugar.	Glucose.	Moisture.	Ash.
1	242	Scotch .....	90.67	6.66	1.58	1.09
2	243	Scotch refined .....	91.98	6.33	1.40	0.29
3	244	Scotch " .....	96.00	3.33	0.40	0.27
4	245	English " .....	90.53	7.13	1.75	0.59
5	246	Extra Coffee, Boston .....	91.37	7.20	0.93	0.50
6	247	Metropolitan Coffee, N.Y. ....	95.09	3.80	0.55	0.56

PEPPER.

Pepper.

I have examined four samples of pepper, and find that three out of the four are adulterated with wheat flour.

SPICES.

Spices.

All the samples of spices analyzed were adulterated. One sample of cloves was adulterated with wheat flour. Two samples of allspice were adulterated with wheat flour. One sample of ginger marked "pure" was adulterated with Indian corn meal; and another marked "No. 1" with Indian meal and Cayenne pepper.

MILK.

Milk-supplied to G. Hospital Toronto adulterated 15 to 20 per c.

I have analyzed one sample of milk---that was supplied in the Toronto General Hospital. The following is the result of my analysis:—

Water.....	89.95
Fat.....	2.51
Sugar.....	3.61
Caseine.....	3.45
Ash.....	0.48

100.00

Total Solids.....	10.05
Fat.....	2.51
Solids not fat .....	7.54

From the above results, I conclude that the milk is diluted with from 15 to 20 per cent. of water, a grave matter in such an important item of the diet of the sick.

The following is a tabular statement of my results :—

Table showing number of samples adulterated.

Description of Samples.	No. of samples analyzed.	Genuine.	Adulterated.	Nature of Adulteration.
Tea .....	12	9	3	Faced with Prussian blue.
Coffee, ground.....	3	0	3	Chicory and wheat flour.
Sugar .....	6	6	0	
Pepper, ground.....	4	1	3	Wheat flour.
Cloves " .....	1	0	1	" "
Allspice " .....	2	0	2	" "
Ginger " .....	2	0	2	Indian meal and Cayenne pepper.
Milk .....	1	0	1	Water.
Total .....	31	16	15	

An inspection of the above table shows how extensively those articles of food are adulterated which are sold to the public ground.

I have the honor to be, Sir,  
Your obedient servant,

W. HODGSON ELLIS,  
*Public Analyst, Toronto.*

PUBLIC ANALYST'S OFFICE,  
TORONTO, 10th July, 1877.

To the Commissioner  
of Inland Revenue.

SIR,—I beg to make the following report of my work during the last quarter.

During the last three months I have analysed 72 samples, of which I have reported 22 adulterated. The articles analysed have been as follows:—

Coffee.....	8 Samples.
Spices.....	9 "
Canned fruit and vegetables.....	6 "
Rice .....	1 "
Milk .....	11 "
Butter.....	12 "
Paris Green.....	25 "
	—
	72

COFFEE.

I have examined eight samples of ground coffee, of which four were pure and four adulterated. The adulteration consists in the substitution of chicory, roasted wheat, peas and beans for coffee.

## SPICES.

Spices

I have examined two samples of black pepper, one of which was genuine and the other was adulterated with wheat flour and cayenne pepper; one sample of mace and one of nut-megs, both of which were genuine; one of ginger which was adulterated with Indian meal, and two of allspice both of which were mixed with wheat flour.

Canned fruit.

I have also analysed a sample of ground cinnamon which consisted of powdered cassia mixed with wheat flour, and did not contain a particle of true cinnamon; one sample of ground rice and one of currie powder were both genuine, and the currie powder contained no injurious coloring matter. Six specimens of canned fruit and vegetables were also submitted to me, of these two were French, viz: one sample of mushrooms and one of green peas, the other four, consisting of corn, tomatoes, sweet peas and Lima beans; were put up in the United States.

All were in excellent condition and of good quality. The only sophistication likely to be met with in these articles is copper, which is sometimes added for the purpose of enhancing the colour; all were carefully examined for this metal. The only samples in which it was found were the Lima beans, in which it was detected in minute traces, and the French peas in which it was present in larger quantity; even in the latter the quantity was not sufficient to produce any unpleasant symptoms in persons partaking of the vegetables, but, it cannot be too clearly understood, that the use of copper in the preparation of articles of food, is a practice which cannot be too strongly deprecated.

## MILK.

Milk.

I have examined eleven samples of milk and have reported four of them watered; five out of the remaining seven samples were deficient in cream.

I give below a table of the results of my milk analysis, including one made last January (No. 1.) which, being the only milk analysis made during that quarter, may be included here:

Number of Sample.	Specific Gravity.	Total Solids.	Fat.	Sugar.	Caseine.	Ash.	Solids not Fat.	Remarks.
1	1·028	10·85	2·59	3·61	3·45	0·48	7·54	Watered.
2	1·028	11·48	2·00	2·48	6·22	0·77	9·48	Deficient in Cream.
3	1·031	11·19	2·47	4·65	3·36	0·71	8·62	do
4	1·027	12·17	2·30	3·52	5·72	0·62	9·87	do
5	1·031	11·83	2·17	4·46	4·53	0·67	9·66	do
6	1·032	12·53	2·46	4·46	4·88	0·73	10·07	do
7	1·027	11·12	2·61	4·32	3·57	0·62	8·51	Watered.
8	1·030	11·64	2·57	4·78	3·63	0·66	9·07	
9	1·025	12·88	4·63	4·18	3·44	0·63	8·25	Probably badly sampled.
10	1·025	10·62	2·25	4·18	3·69	0·50	8·37	Watered.
11	1·025	9·87	2·05	3·94	3·30	0·58	7·82	do
12	1·031	12·36	2·67	4·46	4·51	0·64	9·69	

It will be seen, by an inspection of this table, that in six out of the twelve samples the proportion of solids not fat falls below 9 per cent., the standard filled by the Society of Public Analysts of Great Britain. I did not report No. 3 watered, because, although the solids and fat are deficient, the specific gravity and the ash are com-

Paratively high. In seven samples the fat falls below 2.5 per cent. There is not one sample of fairly good milk among the twelve, and only two (Nos. 8 and 12) that come within the standards in both fat and solids.

Not one sample of good milk among the twelve.

The sample No. 9 presents the anomaly of a remarkably high percentage of fat, together with a low percentage of solids not fat. I think it probable that the portion of milk submitted to analysis was not a fair sample of the entire milk, but that it contained an undue proportion of cream; this might arise from the sample being taken from the top, or it might be due to the cause which doubtless frequently produces inequality in different samples of milk drawn from the same vessel.

If milk is allowed to stand for some time in a deep receptacle, the cream will gradually rise to the surface; and if, from time to time, portions are withdrawn by a tap from the bottom, it is clear that the last portions so withdrawn will be considerably richer in cream than the first, and, indeed, that the milk remaining in the vessel after the greater part has been removed, will have an abnormally higher percentage of cream, and will, in fact, resemble, in composition as otherwise, strippings, which probably owe their proverbial richness to the same cause. If this has been the case with the sample in question the milk must have been watered.

BUTTER.

Twelve samples of butter have been examined, and the result of the examination has been to show that this article is not adulterated to any extent, at least during the summer months, at which time the samples were taken. There are two principal sophistications to be looked for in butter—excess of salt and excess of water.

In the samples analyzed neither of these constituents were found in abnormal quantity.

I am not aware that the practice of substituting other fats for butter is resorted to in this country, and nothing met with during this investigation would lead to a suspicion of that kind of adulteration.

As to the flavour of the butter, whether agreeable or the reverse, I have, of course, taken no note, as it cannot be said to come under the head of adulteration. I append a tabular statement of the results of analysis:—

No.	Sample.	Fat.	Curd.	Salt.	Water.
1	Packed .....	86.0	3.4	5.0	5.6
2	do .....	84.7	1.6	6.2	7.3
3	do .....	87.8	2.1	5.1	4.9
4	do .....	89.7	2.3	1.0	6.8
5	Fresh .....	87.2	1.2	3.4	8.1
6	do .....	86.5	1.8	2.6	9.0
7	do .....	88.0	1.4	1.4	9.2
8	do .....	87.0	1.5	2.4	9.1
9	Salt .....	88.5	1.1	1.9	8.4
10	do .....	80.8	3.0	5.6	10.5
11	Tub .....	85.2	4.9	2.5	7.4
12	do .....	82.1	1.3	5.9	10.5

## PARIS GREEN.

Paris Green. Twenty-five samples of Paris green have been submitted to me, six each from Toronto, Hamilton and London, and seven from Kingston. The examination of these samples showed that while some were absolutely pure, most of them contained an excess of white arsenic, and many were adulterated with sulphate of baryta. In some cases the excess of white arsenic was no doubt added intentionally, but in many cases was caused by carelessness in the manufacture. Since the principal sale of Paris green at present is as a preventive against the ravages of the Colorado potato beetle, the excess of white arsenic is of little consequence, as it will be just as destructive to these pests as the Paris green is itself. The sulphate of baryta is, of course, an adulteration, pure and simple. One case was met with in which the baryta was mixed with Prussian blue, in order to disguise it.

Colorado  
potato beetle.

The following table shows the results of my examination of the Paris green :—

Number of Report.	Where obtained.	Percentage of Sulphate of Baryta.	Remarks.
608	Toronto .....	7.5	
609	do .....	None.	
610	do .....	do	
611	do .....	do	
612	do .....	do	
613	do .....	do	
614	Hamilton.....	21.	
615	do .....	None.	
616	do .....	33.	
617	do .....	None.	
618	do .....	do	
619	do .....	do	
620	London.....	15.5	
621	do .....	18.5	
622	do .....	None.	
623	do .....	20.0	
624	do .....	21.0	Also Prussian Blue.
625	do .....	None.	
626	Kingston.....	do	
627	do .....	11.5	
628	do .....	10.0	
629	do .....	None.	
630	do .....	do	
631	do .....	7.75	
632	do .....	None.	

I have the honor to be, Sir,  
Your obedient servant,

W. HODGSON ELLIS,  
Public Analyst, Toronto.

## MONTREAL DIVISION.

MONTREAL, 6th July 1877.

SIR,—I have the honour to submit herewith my second report in review of the operations of the Inspection of Food Act in the Montreal district, and embracing the analyses of the past six months, during which period I have received eighty-five samples from the Collector of this district, Mr. Dunbar Browne, viz.:

18	samples of	coffee.	
12	do	tea.	
16	do	spices and condiments.	
15	do	butter.	
4	do	milk.	
1	do	condensed milk;	
6	do	canned vegetables.	
12	do	Paris green.	
1	do	Hearn's Potato-Bug Poison.	
—			
85			

Of these I have reported 58 samples as adulterated, viz. : 13 coffee, 5 tea, 6 mustard, 8 spices, 15 butter, 4 milk, 1 canned vegetables, 6 Paris green. 58 samples adulterated.

## TEA AND COFFEE.

From the experience I have so far obtained, I have arrived at the conclusion that coffee is much more generally and seriously adulterated than tea. Tea and Coffee

The practice of mixing roasted peas or corn with lower priced ground coffee is very general, in addition to admixture with chicory.

Consumers will therefore find it to their advantage to purchase coffee unground, or if ground to insist upon its being labelled and sold as "Pure Coffee," and to purchase pure ground chicory, should they require it, in separate packages.

## MILK.

The samples of adulterated milk examined are deserving of special notice, as they were obtained from locked tins consigned to a city milk dealer, on board the market boat. These were found to be adulterated both by skimming and watering, to as great an extent as any obtained from retail dealers.

Two of these samples were "night milk" skimmed and watered, and one of "morning milk" watered and mixed with "over night milk." Milk adulterated by skimming and watering.

## GROUND SPICES.

It would appear that the practice of adulteration is very generally followed in the "spice trade." Ground Spices largely adulterated.

Few spices are sold in the genuine state, and the husks of corn, various grains, and indeed any refuse of the miller, is freely mixed with these spices, together with such kind of farina, flour, or ground rice, as may best suit the texture or general appearance of the particular spice. In these adulterations, however, I have not met with any ingredients injurious to health.

## BUTTER.

Butter.

The article of butter presents the same difficulty as that of milk, viz., the want of a fixed official standard of purity.

Perfectly pure, fresh butter is easily recognized, but seldom met with in the market. Inasmuch as it does not easily keep sweet and remain firm, it is customary to use a little salt or sugar. This should not exceed 3 or 4 per cent. A little cold, hard water adds to the firmness or appearance of the pots or moulds in which it is usually made up for sale, but the water should not be mixed in with butter or add appreciably to its weight. The practice of adding a handful of salt and as much fresh milk as can be worked in is prejudicial to the butter and fraudulent to the consumer. The thin layer of milk thus exposed to the air rapidly oxidizes and promotes rancidity, against which the salt is no protection. The latter I hold to be an adulteration, if in excess of 5 per cent.

## BUTTERINE.

Butterine.

The manufacture of beef and mutton drippings, mixed with salt, butter, and lard or lard oil, is now so general that nearly all the samples of "soft butter" submitted to me have more or less of this character. Many of these samples are sweeter and keep better than ordinary "salt butter," and as they are equally useful and wholesome as articles of food, I see no objection to their sale under a specific name, such as "Butterine," by which they are known in England, but I consider they should not be sold as "salt butter."

Salt in excess of 10 per cent, and water or milk in excess of 10 per cent., I also regard as adulterations. The latter is injurious to the keeping qualities of the butter, besides being an evaporating fraud.

I am informed that bichlorate of soda, or borax, has been used with great success by London milk dealers and dairymen, in lieu of salt. It is a slightly alkaline and perfectly wholesome substance, and is said to be highly preservative in the proportion of 1 or 2 per cent. I should not regard its presence within these proportions as an adulteration, but rather beneficial to the consumer, as its antiseptic properties are well known, as well as its tendency to arrest the growth of organic spores, and to arrest animal and vegetable decay. Where it is used salt is unnecessary, except for rapidity, and it should, if employed at all, be used sparingly.

## CANNED FRESH VEGETABLES.

Canned vegetables.

In these I have only found one instance of coloration by copper, and this to a small extent. Copper communicates an unnaturally green tinge to the vegetable, which may be readily detected by the experienced housekeeper. The green peas and beans examined were free from this coloration, except the French beans in the mixed vegetables prepared for soup. Pickled vegetables having this peculiar tinge should be specially avoided.

## PARIS GREEN

Paris Green.

Can be scarcely classified, under the head of Food or Drugs. It is commercially a "pigment" and, as such, is largely sold. A large demand has, however, sprung up for it of late years as a "specific poison" for the destruction of the potato destroyer, the Colorado Beetle; and its larvæ, the potato bugs. It is essentially a preparation of arsenic, being an acetio arsenite of copper, containing about 59 per cent of white arsenic or arsenious acid in a combined and insoluble state. This, when eaten by the insect, is a fatal poison,

but slow in action, generally causing death in from three to six hours after the meal. It is more rapidly fatal to the bugs or larvæ, killing these also by contact. Of the twelve samples submitted to me, from this city and from Ottawa, six were found more or less adulterated, but, with one exception, these were all in a proper condition for the destruction of the insect either by the process of dusting or by affusion in water and sprinkling. In the exceptional case the poison being adulterated with "gypsum" or "terra alba," it was dampened and unfit for dry distribution, besides being reduced twenty per cent in poisoning property. Those mixed with sulphate baryta were also reduced in this respect.

The mode of distribution of this powder by dry sprinkling, is, in my opinion, of great risk to the unskilled operator. and I strongly recommend in preference, affusion in water, and distribution by sprinkling, viz: by hose or by brush.

The mode of distribution is of great risk to the unskilled operator.

The circumstances and conditions of sale of this poison involve several considerations important to the public. Under the requirements of the Quebec Pharmacy Act of 1874, the sale of poisons is placed under legal restrictions and under a system of registration. In one instance only, viz: in the purchase of sample No. 1, were these requirements of the Act insisted on by the vendors: *i.e.*, by sale to known parties who sign for its receipt. Inasmuch as the poison is known to be an "arsenical preparation, sold for the destruction of vermin," it clearly comes under the operation of the Act, and the danger of such poison being sold without any instructions for use and, due precaution as to its poisonous character, into the hands of those who may be ignorant of its virulent nature, to the jeopardy both of human life, and of valuable agricultural stock, renders these regulations more than ordinarily necessary. Especially that it should be distinctly labelled "Poison" both in French and English is a public necessity.

In several respects Hearn's Potato Bug Poison "No. 13" has some advantages over "Paris Green," especially, because it is put up in suitable packages, properly labelled, with full instructions for use, and with due precautions as to its poisonous character.

Hearn's Potato Bug Poison has advantages being in suitable packages with instructions for use.

It is more conveniently handled, more soluble in water, equally poisonous and less costly than Paris green.

As this is a subject to which I have given considerable attention and made several field experiments, I may be permitted to add that the reliance of farmers entirely upon arsenical poisons for the destruction of these insects is fraught with considerable danger both to man and beast, the most serious and least obvious of which is the undoubted risk of gradually impregnating water courses and ponds with arsenical poison. This may be very slow of action, especially considering the insoluble nature of the poison, but on the other hand, taking into account the very large excess of poison distributed, it becomes a serious question as to what is ultimately to become of it. It is not volatile, but it is soluble in alkalies, and, as ammonia is formed by the decomposition of decaying animal and vegetable matter in the soil, it is a fact that an agent of slow solution is present which may eventually in some cases take up this arsenic, and poison streams which receive the drainage of acres of land thus poisoned.



Substitute  
for Paris  
Green.

I have experimented upon gas lime, ammoniacal gas liquor and phosphorus soap with considerable success, and believe that we have remedies in sulphur and phosphorus which, while requiring care in their application so as not to injure vegetation, are fatal to the bug, obnoxious to the beetle, and are valuable fertilizers to the soil, and of a non-poisonous character; it appears to me therefore that such remedies should have the preference where practicable, and the arsenical preparations used only under the most guarded restrictions.

I have the honor to be, Sir,

Your obedient servant,

J. BAKER EDWARDS, P.I.D., D.C.L., F.C.S.

*Public Analyst.*

QUEBEC DIVISION.

(*Translation.*)

QUEBEC, 30th July, 1877.

To the Commissioner  
of Inland Revenue.

SIR,—I have the honor to make the following report on the inspection of substances which were referred for my examination during the period included between the 1st January and the 30th June, 1877.

These substances were:—

Number of samples analysed.	Butter.....	12 samples.
	Preserved vegetables.....	6 do
	Paris green .....	6 do
		—
		24

*Butter.*

Butter.

The analysis of the twelve samples of this product by me having been ordered in the month of April, a time of the year when it appears upon our markets in a fresh state, and commands a moderately high price, I thought it right to confine my investigations to the examination of fresh butter. The best time for the examination of salted butter would be in November and December.

In the specimens Nos. 376, 377 and 380, the quantity of water found would be according to some authorities, a little above the average: from 14 to 16 per cent. instead of 12. On the other hand some chemists of note admit that fresh butter can be of good quality, and contain as much as 18 per cent. of water.

In the samples Nos. 374, 375, 383, 384 and 385, the quantity of kitchen salt varied from 2 to 3.6 per cent. As stated by some authorities, the average ought not to be more than 1 per cent. This is

evidently an exaggeration ; in fact, those various samples possessed an excellent flavour superior, in my opinion, to the samples which contained only a fraction of 1 per cent. of kitchen salt.

None of these samples contained foreign fatty matter, which I ascertained, firstly, by the appearance of the butter and by its flavour, and by its point of fusion, and finally by the ether treatment followed by evaporation.

In these twelve samples fusion commenced between 20° and 21° centigrade, and was complete at 30° and 31° centigrade. In some treatises on the subject the points of fusion are placed at much too high a figure.

The apparatus, as described in Hassall, and which is easily improved, is well suited for this examination, provided the instructions he gives be closely followed out.

*Preserved Vegetables.*

Of the six samples I examined, five were of American manufacture and one of English. These six samples were of the first quality and perfectly well preserved. None of them exhibited an unnatural green tint, and I found in none of them the slightest trace of foreign colouring matter, whether vegetable or mineral.

*Paris Green.*

The six samples examined were taken from six different hardware merchants. None but the hardware merchants sell this article by wholesale in Quebec ; the chemists and painters are supplied by those dealers.

Only one sample, No. 399, was found to be pure. The five others were adulterated with sulphate of baryta to the extent of from 10 to 25 and 27 per cent. With the naked eye, and without an analysis, I should have been unable to distinguish the adulterated samples from that which was not so. This is an important point in view of the use of this substance for the destruction of injurious insects, and more especially the potato bug.

*Summary.*

Of the twenty-four samples examined, nineteen were found to be pure and five adulterated.

Unadulterated.	Adulterated.
Butter ..... 12	Paris green, 5
Preserved vegetables 6	
Paris green..... 1	
— 19	

I have the honor to be, Sir,

Your most obedient servant,

F. A. H. LARUE, M.A., M.D.

## HALIFAX DIVISION.

*Report of Robt. G. Fraser, Analyst for the Inland Revenue Division of Halifax for the quarter ending 31st March, 1877.*

I have made an analysis of two samples of milk, both pure; six samples of pepper, three of those pure. One of these samples of pepper adulterated with husks of mustard seeds, ninety per cent.; another with bread and husks, twenty per cent.; another with bread, ten per cent.; another with sand, two and one half per cent.

Six samples of sugar, four pure; one sample sugar five per cent. glucose sugar, and another sample nine per cent. glucose sugar.

These are the only samples handed me by the Department here for analysis.

Your obedient servant,

ROBERT G. FRASER.

HALIFAX, 30th June, 1871.

SIR,—For the year 1877 up to date I have received 58 samples.

Number of  
samples  
analysed.

	15	samples of Tea.
	2	“ Ground Allspice.
	2	“ “ Cassia.
	6	“ “ Mustard.
	1	“ “ Cloves.
	3	“ “ Ginger.
	12	“ “ Coffee.
	4	“ Vegetables in tin cans.
	6	“ Paris Green.
	7	“ Milk.

The teas are all free from adulteration. No. 509 contains a few foreign leaves, but not sufficient to make an adulteration.

The ground spices are all pure.

The mustards are all mixed with flour, No. 527 and 528, with a very large portion of flour, and eight per cent. sulphate of lime.

The ground coffees all mixed with peas or chicory in larger or smaller proportions, except No. 524, which is pure.

Preserved vegetables all fresh and good.

Paris green are preparations of copper and arsenic, except No. 556, which is a preparation of copper without arsenic.

The samples of milk are all pure. No. 544 contains the least butter fat, 2·7, and in all probability contains a portion of skimmed milk.

I have examined several other samples of milk, but have not found any adulterated.

Your obedient servant,

ROBERT G. FRASER.

To A. BRUNEL, Esq.

APPENDIX II.—INSPECTION OF FOOD.

MEMORANDUM of Instructions given to the Collectors of Inland Revenue as to the number of samples to be submitted to the Public Analysts, during the fiscal year ending 30th June, 1877.

Date.	Collector Inland Revenue.	Division.	Beer.	Butter.	Cocoa and Chocolate.	Coffee.	Milk.	Mustard.	Paris Green.	Preserved Meat.	Preserved Vegetables.	Pepper.	Other Spices.	Sugar.	Spirits.	Sweet Meats.	Tea.	Unenumerated Articles.	Total Estimate Cost of Analysis.	Remarks.	
1876. Oct.	15. D. Browne.....	Montreal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....	1	\$ 90 00	Eight samples of brandy and one of wood naphtha.	
1876. May	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	25 00	Consulting with analyst as to the time of submitting [them.]	
June	do	do	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	3	.....	45 00	do	
do	do	do	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90 00	do	
Aug.	do	do	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40 00	do	
Sept.	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40 00	do	
Nov.	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96 00	do	
Dec.	do	do	.....	.....	.....	.....	12 18	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	462 00	do	
																					Instructed to submit a leaf of tobacco to Dr Edwards, to see if any other material than the leaf itself had been used in its preparation.
do	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60 00	Samples to be recently imported, varied, and from different parties.	
1877. March	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60 00	Consulting with analyst as to the time of submitting [them.]	
April	do	do	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30 00	do	
May	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30 00	do	
1876. May	26 J. Morrow.....	Toronto.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75 00	do	
July	do	do	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88 00	do	
Sept.	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52 00	do	
Oct.	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52 00	do	
Nov.	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15 00	do	
Dec.	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	432 00	do	
																			30 00	Samples to be recently imported, varied, and from different parties.	
1877. March	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60 00	Consulting with analyst as to the time of submitting [them.]	
April	do	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30 00	do	



APPENDIX III.—INSPECTION OF FOOD.

TABULATED STATEMENT of the results of Analysis of Articles of Food, for the Fiscal Year ending 30th June, 1877.

ALLSPICE.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis and Remarks by the Analyst.
1877.					
March 27.	W. H. Ellis	Toronto	262	W. J. Smith	Ground allspice, adulterated with flour.
do 27.	do	do	263	do	Ground allspice, mixed with flour for the purpose of increasing its bulk.
April 24.	do	do	286	Thos. Griffith & Co.	Ground allspice, largely mixed with wheat flour.
do 24.	do	do	287	Robert Jaffray & Co.	Ground allspice, mixed with flour.
1876.					
Oct. 2.	J. B. Edwards	Montreal	127	Murray, Heron & Co.	Genuine ground allspice.
do 11.	do	do	133	S. H. & A. Ewing.	do
do 6.	do	do	137	Alex. Willis & Co.	do
Nov. 30.	do	do	146	W. A. Campbell	Ground allspice, adulterated with from 10 to 15 per cent. admixture of pea meal.
Dec. 1.	do	do	157	James Langlands	Ground allspice (Pimento), adulterated to the extent of 10 to 13 per cent. with roasted pea meal.
1877.					
April 30.	do	do	432	W. Quintal	Ground allspice, adulterated with about 20 per cent. and upwards pea meal and miller's husks.
do 30.	do	do	434	H. Charlebois	Genuine ground allspice.
June ..	R. G. Fraser	Halifax	532	Avery, Brown & Co.	Ground allspice, free from adulteration.
do ..	do	do	540	John P. Mott	Pure ground allspice.

BITTERS

1876.					
Oct. 31...	J. B. Edwards .....	Montreal .....	141	Kerry, Watson & Co.....	Campbell's Quinine Wine, consisting of sherry wine, tincture of orange peel, citric acid, sugar and sulphate of quinine, the latter in proportion of $\frac{1}{4}$ grain to the fluid ounce. It yielded, by distillation, 20 per cent.; by weight, 23 per cent.; by volume of absolute alcohol = 64, U.P.
do 31 ..	do .....	do .....	142	Lyman, Clare & Co. ....	Lyman's Quinine Wine, consisting of sherry wine, sugar, citric acid and sulphate of quinine, the latter in the proportion of 1 grain to 3 fluid ounces. Its alcoholic strength is 75 U.P. = absolute alcohol = 15.5 by weight, or 16 per cent. by volume.
do 31...	do .....	do .....	143	Devins & Boltons .....	Devins and Bolton's Quinine Wine, consisting of Italian or light Sicilian Wine, citric acid, sulphate of quinine, the latter in the proportion of 1 grain in 2 fluid ounces. Alcoholic strength, 77 U.P.; absolute alcohol, 14 per cent. by weight or volume.
do 31...	do .....	do .....	144	John Gardner .....	Gardner's Quinine Wine, consisting of light Sicilian wine, citric acid, sugar and sulphate of quinine, the latter in proportion of 1 grain to the fluid ounce. Alcoholic strength, 80 U.P.; absolute alcohol, 13 per cent. by weight; 12 per cent. by volume.
do 31...	do .....	do .....	145	John Lewis & Co. ....	Lewis' Quinine Port Wine, consisting of inferior red wine (colored with logwood), citric acid, sugar, tincture of gentian and orange, and traces of strychnia and brucia, from a small quantity of tincture of nux vomica. Alcoholic strength, 68 U.P. = 18.5 absolute alcohol weight; 20 per cent. by volume. Sulphate of Quinine = 1 grain in 3 fluid ounces.

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APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.  
BUTTER.

Date.		Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Butter Fat.	Curds.	Salt.	Water.	Other Fats.	Results of Analysis, and Remarks by the Analyst.
						p. cent.	p. cent.	p. cent.	p. cent.	p. cent.	
1877	June 30	W. H. Ellis	Toronto	633	S. Evans	86	3.4	5.0	5.6		Genuine and in good condition.
	do 30	do	do	634	James Park	84.7	1.6	6.2	7.3		do do
	do 30	do	do	635	H. W. Cuff	87.8	2.1	5.1	4.9		do do
	do 30	do	do	636	E. K. Scoley	89.7	2.3	1.0	6.8		do do
	do 30	do	do	637	R. & A. Peters	87.2	1.2	3.4	8.1		do do
	do 30	do	do	638	Kinnar & Long	86.5	1.8	2.6	9.0		Unchanged.
	do 30	do	do	639	Guile & Zurhorst	88.0	1.4	2.4	9.1		do do
	do 30	do	do	640	M. A. Carrick	87.0	1.5	2.4	9.1		do do
	do 30	do	do	641	John Barns	88.5	1.1	1.9	8.4		do do
	do 30	do	do	642	J. Dinwoody	80.8	3.0	5.6	10.5		do do
	do 30	do	do	643	H. W. Philip	85.1	4.9	2.5	7.4		do do
	do 30	do	do	614	P. McDonald	82.1	1.3	5.9	10.5		do do
	do 30	do	do	190	Foisy & Berian	49.80	16.60	13.60	20.00		Adulterated with salt, water and milk curds
Feb. 3	do 5	J. B. Edwards	Montreal	191	Edward S. Turcotte	22.00	.....	5.00	12.00	61.00	Adulterated with meat fats, salt and water.
	do 5	do	do	192	Medard Lafontaine	20.00	.....	12.90	16.00	38.10	Adulterated with meat fats, salt, water, milk curds and animal membrane.
	do 5	do	do	.....	.....	.....	.....	.....	.....	.....	Adulterated with other fats.
	do 5	do	do	.....	.....	.....	.....	.....	.....	.....	do do
	do 5	do	do	.....	.....	.....	.....	.....	.....	.....	do do
	do 5	do	do	.....	.....	.....	.....	.....	.....	.....	do do
April 30	do 30	do	do	441	O. H. Donaghy	49.80	16.60	24.60	9.00	.....	Adulterated with other fats and salts in excess.
	do 30	do	do	442	G. Smyth	41.50	.....	21.00	9.00	28.50	Adulterated with other fats.
	do 30	do	do	443	A. Rossau	49.80	10.45	9.20	9.80	20.75	Adulterated with other fats and water.
	do 30	do	do	444	A. E. J. Corbeil	50.00	5.00	14.00	11.00	20.00	Adulterated with other fats.
	do 30	do	do	.....	.....	.....	.....	.....	.....	.....	do do
	do 30	do	do	445	Gilbert Grindon	60.00	5.00	10.00	10.00	15.00	Adulterated with other fats and salts in excess.
	do 30	do	do	446	Rodrique & Langbois	55.00	5.00	15.00	10.00	15.00	Adulterated with other fats and salts in excess.
June 29	do 29	do	do	460	R. Lefebvre	65.00	10.00	10.00	15.00	.....	Adulterated with excess of caseine, salt and water.
	do 29	do	do	461	A. Shiells	70.00	10.00	10.00	10.00	.....	Adulterated with milk and salt in excess.
	do 29	do	do	462	Calixte Letang	70.00	10.00	10.00	10.00	.....	do do
	do 29	do	do	463	Shannon Bros.	66.00	.....	10.00	14.00	10.00	Adulterated with fats and water.
	do 29	do	do	464	H. Charlebois	30.00	.....	15.00	15.00	40.00	Adulterated with other fats, water and salts.
	do 29	do	do	465	W. P. Nolan	30.00	.....	16.00	10.00	45.00	Adulterated with other fats and salts.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

BUTTER.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Results of Analysis, and Remarks by the Analyst.				
					Butter Fat.	Salt.	Water.	Caseine.	
1877.					p. cent.	p. cent.	p. cent.		
April 12	F. A. H. LaRue	Quebec.	374	P. O. Pouliot	83.40	2.10	11.0	3.5	Not adulterated.
do 12	do	do	375	Z. Arel (widow)	86.30	2.85	8.0	2.85	do
do 12	do	do	376	Thomas Poston	79.14	1.60	16.50	2.76	do
do 14	do	do	377	L. Bégin	79.80	0.90	15.50	3.80	do
do 14	do	do	378	George Laquien	83.00	1.20	13.00	2.80	do
do 14	do	do	379	Honore Langlois	80.30	1.50	12.70	5.50	do
do 14	do	do	380	Jacques Cartier Market	83.00	0.50	14.00	2.50	do
do 14	do	do	381	do do	84.40	0.40	12.60	2.60	do
do 14	do	do	382	do do	85.70	0.50	10.70	3.10	do
do 14	do	do	383	J. B. Z. Dubeau	83.00	2.10	12.70	2.20	do
do 21	do	do	384	W. M. Coleman	86.90	3.60	8.00	1.50	do
do 21	do	do	385	H. A. Pare	81.80	2.50	13.70	2.00	do
do 21	do	do	63	C. W. Anderson	84.80	5.20	9.50	0.50	This sample is quite rancid.
do 28	R. G. Fraser	Halifax	64	No name	74.80	10.80	14.00	0.30	New butter from Colchester County.
do 28	do	do	65	J. H. Nisbit	76.00	9.00	14.00	0.40	Sold as fresh butter.
do 28	do	do	66	Davidson Bros	89.00	3.00	8.70	0.30	do
do 28	do	do	67	do	87.40	8.30	4.00	0.30	This sample of butter rancid.
do 28	do	do	68	R. J. Fitch	86.00	8.50	5.00	0.40	Fresh butter.
do 28	do	do	69	W. M. D. Fearnan & Co.	81.60	13.00	6.00	0.40	Sample rancid.
do 28	do	do	70	do do	54.00	4.10	11.40	1.00	Adulterated with 30 per cent. beef suet.
May 21	do	do	71	J. C.	88.00	4.00	7.00	1.00	Very rancid (manufactured in Canning, Kings County.)
do 21	do	do	72	David Scott	76.30	5.20	17.80	0.70	Quite rancid.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

CASSIA.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.
1877.					
June .....	R. G. Fraser.....	Halifax.....	531	Avery Brown & Co .....	Free from adulteration.
do .....	do .....	do .....	539	John P. Mott.....	Pure ground Cassia.

CLOVES.

1877.					
March 27...	W. H. Ellis.....	Toronto.....	261	W. J. Shields.....	Powdered cloves, mixed with flour.
1876.					
Oct. 6...	J. B. Edwards .....	Montreal .....	139	Alex. Wills & Co. ....	Ground cloves, adulterated with clove bark and other woody fibre to the extent of 15 per cent. and upwards.
Nov. 30...	do .....	do .....	152	W. A. Campbell .....	Ground cloves with bark and stalks of clove tree, adulterated with 10 per cent. of roasted pea meal.
Dec. 1...	do .....	do .....	159	James Langlands .....	Ground cloves and clove bark, adulterated to the extent of 10 per cent. and upwards with allspice (pimento) and roasted peas.
1877.					
April 30...	do .....	do .....	431	W. Quintal .....	Ground cloves, very inferior quality, adulterated with clove bark, stalks and roasted bean flour; yields only 3 per cent. of essential oil of cloves, which is one-sixth of the quantity yielded by good cloves.
June .....	R. G. Fraser.....	Halifax.....	535	W. M. Harrington .....	Free from adulteration.

CINNAMON.

1877. April 21...	W. H. Ellis .....	Toronto .....	288	Robert Jaffray .....	Marked ground cinnamon, consisting of ground cassia mixed with wheat flour.
1878. Oct. 2...	J. B. Edwards .....	Montreal .....	129	Murray, Heron & Co.....	The powder consists of ground cassia bark, and contains no cinnamon.
do 6...	do .....	do .....	134	S. H. & A. Ewing .....	Sample of ground cinnamon consists of ground cassia bark, and contains no cinnamon.
do 6...	do .....	do .....	138	Alex. Wills & Co.....	Consists of ground cassia bark, and contains no cinnamon.
Nov. 30...	do .....	do .....	147	W. A. Campbell.....	Consists of ground cassia bark, adulterated with mustard and buckwheat husks and pea meal to the extent of 10 per cent. and upwards.
Dec. 1...	do .....	do .....	158	James Langlands.....	Ground cassia bark (no cinnamon), adulterated with mustard husks and pea meal to the extent of 10 to 15 per cent.; said to be sold for ground cinnamon.

COCOA AND CHOCOLATE.

1876. Aug. 1...	W. H. Ellis.....	Toronto .....	201	J. Shields .....	Consists of cocoa mixed with flour and coloured with venetian red or some similar pigment. It is usual in chocolate to mix cocoa with flour.
do 1...	do .....	do .....	203	do .....	Consists of cocoanut grated into shreds and crystallized sugar.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

COFFEE.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.
1876. Sept. 30... do 30...	W. H. Ellis..... do .....	Toronto .. do .....	233 234	Wilson & Watson..... do .....	Pure ground coffee. Java coffee, ground, adulterated with wheat flour.
1877. March 29...	do .....	do .....	266	W. J. Smith.....	Extra quality Java coffee, adulterated with chicory and roasted grain (wheat).
do 29... do 29...	do .. do ..	do .. do ..	267 268	do .. do ..	Rio coffee, adulterated with chicory and roasted wheat. Pure Java (marked), adulterated with roasted wheat.
do April 20... do 20...	do .. do ..	do .. do ..	273 274	Harper, Douglas & Co. .... do .....	Jamaica coffee, consisting of roasted wheat, peas and ground chicory, and a little coffee. Java coffee, consisting of roasted wheat, peas, chicory and a little coffee.
do 20... do 20... do 20... do 20... do 20... do 20...	do .. do .. do .. do .. do .. do ..	do .. do .. do .. do .. do .. do ..	275 276 277 278 279	Todhunter, Black & Uo..... do .. do .. Thomas Griffith & Co..... do ..	Java coffee, consisting of genuine ground coffee. Porto Rico coffee, consisting of genuine ground coffee. East India coffee, consisting of coffee and chicory. Java and Mocha, consisting of entirely genuine ground coffee. Coffee mixture, consisting of roasted wheat and chicory, with a little coffee.
do 20...	do ..	do ..	280	do ..	Java coffee, consisting of genuine coffee.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.									
					Aqueous Extract.	Insoluble Residue or Marc.	Volatile Oil	Ash.	Caffeine Acid.	Remarks				
1877.														
Feb. 28...	J. B. Edwards .....	Montreal .....	193	Murray, Heron & Co.....	43.2	46.1	10.7	5.0	Not det'd.	Adulterated with pea meal and chicory, about 50 per cent.				
do 28...	do .....	do .....	194	do .....	42.4	45.3	12.3	4.0	do	Adulterated with pea meal and chicory, about 40 per cent.				
do 28...	do .....	do .....	195	do .....	36.0	50.3	13.7	6.0	do	Adulterated with chicory, about 30 per cent.				
do 28...	do .....	do .....	196	do .....	19.2	62.6	18.2	5.0	2.0	Genuine coffee.				
do 28...	do .....	do .....	197	A. Wills & Co.....	39.2	39.1	21.7	4.0	Not det'd.	Adulterated with pea meal and chicory, about 30 per cent.				
do 28...	do .....	do .....	198	do .....	35.2	44.4	20.4	4.0	do	Adulterated with chicory, about 20 per cent.				
do 28...	do .....	do .....	199	do .....	30.4	44.2	25.4	6.0	do	Adulterated with chicory, about 10 per cent.				
do 28...	do .....	do .....	200	do .....	22.4	59.4	18.2	6.0	1.8	Genuine coffee.				
do 28...	do .....	do .....	401	J. Langlands.....	35.2	39.0	25.5	3.0	Not det'd.	Adulterated with pea meal and chicory.				
do 28...	do .....	do .....	402	do .....	34.4	50.5	15.1	4.0	do	Adulterated with chicory and pea meal.				
do 28...	do .....	do .....	403	do .....	28.0	56.6	15.4	6.0	1.95	Genuine coffee.				
do 28...	do .....	do .....	404	S. & E. Ewing.....	20.8	62.3	16.9	5.0	2.0	do				

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

COFFEE—Continued

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.
1876.					
Dec. 5...	F. A. H. LaRue.....	Quebec.....	319	— Thibaudeau.....	Consists of one-third coffee, the rest is a mixture of chicory, roasted peas and beans.
do	do	do	320	P. Maranda.....	do one-eighth coffee, the rest a mixture of chicory, roasted peas and beans.
do	do	do	321	— Griffin.....	do one-eighth coffee, a little chicory, but especially roasted peas and beans.
do	do	do	322	— Pelletier.....	do one-eighth coffee, the rest a mixture of chicory roasted peas and beans.
do	do	do	323	— Taylor.....	do one-half coffee, the rest a mixture of roasted peas and beans; no chicory.
do	do	do	324	J. O. Labbe.....	do one-half coffee, the rest a mixture of peas and beans; no chicory, or very little.
do	do	do	325	— Orr.....	do one-half coffee and one-half roasted peas; very little chicory.
do	do	do	326	— Ouellet.....	do little or no coffee; nearly all chicory, peas or beans, roasted.
1877.					
June.....	R. G. Fraser.....	Halifax.....	518	Peaks and Eaton.....	Admixture of about 77 per cent. coffee; 22 per cent. peas.
do	do	do	519	do	do 66 per cent. coffee; 13 per cent. peas; 22 per cent. chicory.
do	do	do	520	do	do 50 per cent. coffee; 50 per cent. peas.
do	do	do	521	Geo. Schwarts.....	do 20 per cent. chicory.
do	do	do	522	do	do 60 per cent. coffee; 20 per cent. peas; 20 per cent. chicory.
do	do	do	523	Lordly & Stimpson.....	do 20 per cent. chicory.
do	do	do	524	W. M. Harrington.....	Pure coffee.
do	do	do	525	Wm. Harrington.....	Admixture of about 75 per cent. coffee; 25 per cent. peas.
do	do	do	526	do	do 70 do do 5 do do
do	do	do	562	O. & W. Anderson.....	do 20 per cent. chicory; 5 per cent. rye.
do	do	do	563	do	do 55 per cent. coffee; 11 per cent. peas; 22 per cent. chicory; 13 per cent. rye.

GINGER.

1876.	W. H. Ellis.....	Toronto.....	237	Willis & Watson.....	Pure ground ginger.
Sept. 30...	do .....	do .....	238	do .....	Adulterated with wheat flour.
1877.	do .....	do .....	264	W. J. Smith.....	Powdered ginger, adulterated with Indian corn meal.
Mar. 27...	do .....	do .....	265	do .....	Powdered ginger, adulterated with Indian corn meal and cayenne pepper. The Indian corn is added to increase the bulk, and the cayenne pepper to make up the flavor thus lost.
April 24...	do .....	do .....	285	Thos. Griffith & Co.....	Powdered ginger, mixed with Indian corn meal.
1876.	J. B. Edwards.....	Montreal.....	131	Murray, Heron & Co.....	Ground ginger, adulterated to the extent of 10 per cent. and upwards with pea meal and turmeric.
Oct. 2...	do .....	do .....	132	S. H. & A. Ewing.....	Ground ginger, adulterated to the extent of 15 per cent. with turmeric, mustard husks and wheat starch.
Nov. 30...	do .....	do .....	150	W. A. Campbell.....	Ground ginger, adulterated to the extent of 20 to 25 per cent. with wheat flour, mustard husks, turmeric and Chili pepper seeds.
Dec. 1...	do .....	do .....	156	James Langlands.....	Ground ginger, adulterated to the extent of 15 to 20 per cent. with wheat flour, ground rice, turmeric and Chili pepper.
1877.	do .....	do .....	483	H. Charlebois.....	Ground ginger, adulterated to the extent of 20 per cent. and upwards with starch farina, and colored with turmeric.
April 30...	do .....	do .....	369	— Delille.....	Three-quarters ginger, one-quarter flour.
Jan. 15...	F. A. H. LaRue.....	Quebec.....	360	— Parent.....	One-half ginger, one-half wheat flour.
do 16...	do .....	do .....	361	— Lanouette & Co.....	One-half ginger, one-half wheat flour.
do 15...	do .....	do .....	363	P. Côté.....	Scarcely no ginger, especially wheat flour.
do 15...	do .....	do .....	363	B. Parent.....	One-half ginger, one-half wheat flour.
do 15...	do .....	do .....	364	A. Dion.....	Genuine ginger without adulteration.
do 15...	do .....	do .....	365	V. Juneau.....	Three-quarters ginger, one-quarter bean flour.
do 15...	do .....	do .....	366	— Turcotte.....	One-half ginger, one-half wheat flour.
June .....	R. G. Fraser.....	Halifax.....	533	Avery, Brown & Co.....	Free from adulteration.
do .....	do .....	do .....	534	Wm. M. Harrington.....	Free from adulteration.
do .....	do .....	do .....	538	John P. Mott.....	Pure ginger.



APPENDIX III.—INSPECTION OF FOOD.—

MILK

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.
1876.				
July 26.....	W. H. Ellis .....	Toronto .....	220	P. Adams .....
do 27.....	do .....	do .....	221	P. Burlton.....
do 28.....	do .....	do .....	222	George Henderson .....
do 28.....	do .....	do .....	223	P. Riley .....
do 28.....	do .....	do .....	224	Toronto Dairy Co.....
do 28.....	do .....	do .....	225	J. Preston.....
do 28.....	do .....	do .....	226	Thos. Williams .....
do 29.....	do .....	do .....	227	William Law.....
do 29.....	do .....	do .....	228	Roxburgh Dairy .....
do 31 .....	do .....	do .....	229	J. Hughes .....
do 31.. ...	do .....	do .....	230	Dover Court Dairy.....
Aug. 1.....	do .....	do .....	231	Thomas Lamb.....
1877.				
Jan. 24.....	do .....	do .....	248	J. Playters Chester .....
May 28.....	do .....	do .....	290	Charles Joplis .....
do 28....	do .....	do .....	291	R. Mathewson .....
do 29.....	do .....	do .....	292	Timothy Cassick .....
do 29.....	do .....	do .....	293	Toronto Dairy Co .....
June 18.....	do .....	do .....	601	Bartholomew Casey .....
do 18.....	do .....	do .....	602	Daniel McKnight .....
do 19.....	do .....	do .....	603	B. W. Finn .....
do 20.....	do .....	do .....	604	A. W. Godson.....
do 21.....	do .....	do .....	605	Charles Heber.....
do 21.....	do .....	do .....	606	J. Milligan.....
do 23.....	do .....	do .....	607	Philip Kelly.....
1876.				
June 21....	J. Baker Edward .....	Montreal .....	105	A. Reeve.....
do 21.....	do .....	do .....	106	— Frezan .....
do 21.....	do .....	do .....	107	P. Healey .....
do 21.....	do .....	do .....	108	— McCaul .....
do 21.....	do .....	do .....	109	— Pepin.....
do 21.....	do .....	do .....	110	P. Leveillé .....
do 21.....	do .....	do .....	111	J. Renaud .....

Tabulated Statement, &c.

RESULTS OF ANALYSIS.							Butter Fat expressed in its equivalent of Cream.	Remarks by the Analyst.
Contained in 100 Parts.								
Butter Fat.	Caseine.	Sugars and Salts.	Ash.	Total.				
				Solids.	Water.			
p. cent.	p. cent.	p. cent.	p. cent.	p. cent.	p. cent.	p. cent.		
2.13	6.93	.....	.50	9.58	90.42	.....	Water has been fraudulently added. Contains only about half the proper quantity of cream, probably caused by the addition of skimmed milk.	
1.70	9.67	.....	.61	11.98	88.02	.....		
3.06	8.70	.....	.66	12.42	87.60	.....	According to the English standard, genuine.	
2.56	8.51	.....	.59	11.66	88.34	.....	Water has been added, and quality of cream is too low.	
3.24	8.42	.....	.69	12.35	87.65	7.50	Fair quantity of cream; less water than any previous sample.	
2.69	8.49	.....	.54	11.72	88.28	11.50	The cream is deficient in this milk.	
3.26	8.88	.....	.66	12.80	87.50	7.00	Unchanged, consisting of genuine milk.	
3.32	10.78	.....	.....	13.10	86.90	10.00	28 per cent. of cream has been removed, probably by the addition of skimmed milk.	
1.90	7.80	.....	.....	9.70	90.30	8.00	This is an undoubted sample of watered milk.	
2.49	8.86	.....	.62	11.97	88.13	7.00	This cream is deficient, probably by the addition of skimmed milk.	
1.99	7.13	.....	.38	9.50	90.50	.....	The cream is low.	
2.05	9.17	.....	.62	11.84	88.16	.....	Some of the cream has been removed.	
2.51	3.45	3.61	6.48	10.05	89.95	7.53	This milk has been mixed with from 15 to 20 per cent of water.	
2.00	6.23	2.48	0.77	11.48	88.52	10.00	A poor milk.	
2.47	3.36	4.65	0.71	11.19	88.81	12.35	do	
2.30	5.72	3.62	0.63	12.17	87.83	11.50	Deficient in butter fat.	
2.17	4.53	4.46	0.67	11.83	88.10	10.85	Deficient in cream.	
2.48	4.88	4.46	0.73	12.53	87.47	12.30	do do	
2.61	3.57	4.32	0.62	11.12	88.88	13.05	Watered.	
2.57	3.63	4.78	0.68	11.64	88.36	12.85	A poor milk.	
4.63	3.44	4.18	0.63	12.88	87.12	20.15	This is a very singular sample. The large percentage of cream with the small quantity of solids, not fat, look like a watered milk badly sampled.	
2.25	3.69	4.18	0.50	10.62	89.38	11.25	Watered.	
2.05	3.30	3.94	0.58	9.87	90.13	10.25	do	
2.67	4.51	4.46	0.62	12.36	87.64	13.35	do	
3.50	4.10	5.10	0.75	12.70	87.30	11.50	Fair average milk.	
4.00	3.30	3.70	.....	11.00	89.00	12.50	Cream in excess of average.	
3.00	4.20	6.80	.....	14.00	86.00	9.00	Cream removed; salts in excess, but not added.	
2.50	4.10	5.90	.....	12.50	87.50	7.50	do do do	
2.50	4.00	4.00	.....	10.50	89.50	7.50	Minimum.	
5.00	3.50	3.50	.....	12.00	88.00	15.50	Cream in excess; must have been badly sampled.	
3.00	4.00	7.00	.....	14.00	86.00	.....	Deficient in cream; salts in excess.	

APPENDIX III.—INSPECTION OF FOOD.—

MILK.—

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.
1876.				
June 22.....	J. Baker Edward .....	Montreal .....	112	W. Dunkin.....
do 22.....	do .....	do .....	113	— Taylor.....
do 22.....	do .....	do .....	114	Edward Guy .....
do 22.....	do .....	do .....	115	Dansereau & Chartier.....
do 22.....	do .....	do .....	116	A. Lacombe .....
Dec. 13.....	do .....	do .....	160	J. Petit .....
do 13.....	do .....	do .....	161	A. Cinnamon .....
do 13.....	do .....	do .....	162	Mr. Ryan.....
do 13.....	do .....	do .....	163	John Rooney.....
do 14.....	do .....	do .....	164	A. Norman.....
do 14.....	do .....	do .....	165	M. Deguise.....
do 14.....	do .....	do .....	166	C. Geoffoy .....
do 14.....	do .....	do .....	167	J. Ervine.....
do 20.....	do .....	do .....	168	Montreal Milk Company.....
do 20.....	do .....	do .....	169	Mr. Lynch.....
do 20.....	do .....	do .....	170	Mr. Richie.....
do 20.....	do .....	do .....	171	Dominion Dairy.....
do 20.....	do .....	do .....	172	M. Lepine.....
do 20.....	do .....	do .....	173	Remi Ourcelles.....
do 21.....	do .....	do .....	174	L. Fletcher.....
do 21.....	do .....	do .....	175	J. O. Connor .....
do 21.....	do .....	do .....	176	John Monteith.....
do 21.....	do .....	do .....	177	Hugh Clary .....
1877.				
June 30.....	do .....	do .....	472	Dominion Dairy .....
do 30.....	do .....	do .....	473	do .....
do 30.....	do .....	do .....	474	do .....
1876.				
Oct. 23.....	F. A. H. LaRue.....	Quebec.....	301	François Faucher.....
do 23.....	do .....	do .....	302	— Rochette .....
do 28.....	do .....	do .....	303	— Vesina .....
do 28.....	do .....	do .....	304	— Begin.....

Tabulated Statement, &c.—Continued.

Continued.

RESULTS OF ANALYSIS.							Butter Fat expressed in its equivalent of Cream.	Remarks by the Analyst.
Contained in 100 Parts.								
Butter Fat.	Caseine.	Sugars and Salts.	Ash.	Total.				
				Solids.	Water.			
p. cent.	p. cent.	p. cent.	p. cent.	p. cent.	p. cent.	p. cent.		
3.00	3.05	7.45	.....	13.50	86.50	.....	Cream and cheese, deficient; salts in excess.	
5.25	3.25	5.50	.....	14.00	86.00	.....	Excess of cream.	
2.25	2.75	9.00	.....	14.00	86.00	.....	Cream deficient; salts in excess.	
2.00	4.20	5.80	.....	12.00	88.00	.....	Cream deficient and solids; excess of water.	
4.50	4.50	6.00	.....	15.00	85.00	.....	Good normal milk over average.	
2.00	3.50	9.40	0.90	15.80	85.10	9.00	Adulterated with from 15 to 20 per cent. of water, and 2 per cent. of common salt.	
2.95	4.00	5.20	0.80	12.95	87.05	7.95	Genuine milk of fair average quality.	
3.00	4.10	6.00	0.90	14.00	86.00	9.00	Fair average sample of milk.	
1.75	3.50	8.50	1.20	15.95	86.25	5.25	Adulterated with from 15 to 20 per cent. of water, and 2 per cent. of common salt.	
1.50	2.13	9.00	2.07	14.70	83.30	4.50	Adulterated with from 20 to 25 per cent. of water, and 2 per cent. of common salt.	
2.25	2.25	7.50	1.75	13.75	86.25	6.75	Adulterated with from 15 to 20 per cent. of water, and 1 per cent. of common salt.	
2.75	2.04	8.00	1.96	14.75	85.25	3.25	Adulterated with from 10 to 15 per cent. of water, and 1 per cent. of common salt.	
3.30	4.00	5.20	0.80	13.30	86.70	9.90	Genuine milk.	
2.00	3.00	6.00	0.80	11.80	88.20	6.00	Adulterated with from 10 to 15 per cent. of water.	
1.50	2.75	5.25	0.70	10.20	89.80	4.50	Adulterated with 20 per cent. of water.	
2.00	3.00	7.80	0.60	13.40	86.60	6.00	do do 15 do	
3.50	3.00	7.50	0.70	14.70	85.30	10.50	Fair quality.	
2.20	2.50	5.50	0.60	10.80	89.20	6.60	Adulterated with 20 per cent. of water.	
1.75	2.00	5.00	0.50	9.25	90.75	5.25	do do 30 do	
4.50	2.75	3.05	.70	12.00	88.00	13.50	Good and genuine milk.	
5.10	3.20	3.00	.70	12.00	88.00	15.30	do do	
1.75	3.00	6.15	.60	11.50	88.50	5.25	Adulterated by the addition of 20 per cent. of water.	
1.70	3.00	5.50	.60	10.80	89.20	5.10	do do do	
1.50	3.00	3.50	.80	8.80	91.20	4.50	Cream removed; water added, say 25 per cent.	
1.50	3.50	3.75	.80	9.55	90.45	4.50	Cream removed; water added, say 20 to 25 per cent.	
2.00	3.00	3.80	.70	9.50	90.50	6.00	Adulterated by the addition of 15 to 20 per cent. of water.	
3.20	5.50	4.90	1.80	15.40	84.60	.....	Not adulterated.	
3.00	3.06	4.84	0.90	11.80	88.20	.....	do	
0.50	9.50	3.80	0.80	14.60	85.40	1.50	Evidently skimmed milk before sale.	
2.60	6.90	4.60	0.90	15.80	85.00	6.00	Just within the limits.	

APPENDIX III.—INSPECTION OF FOOD.—

MILK —

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor
1876.				
Oct. 28.....	F. A. H. LaRue.....	Quebec.....	305	Leandre Roy .....
do 28.....	do .....	do .....	306	Cyrrill Labrecque.....
Nov. 25.....	do .....	do .....	329	— Vezina .....
do 25.....	do .....	do .....	330	— Labrecque.....
Dec. 6.....	do .....	do .....	337	Jos. Guay .....
do 6.....	do .....	do .....	338	Pierre Guay .....
do 28.....	do .....	do .....	345	— Cathcart .....
do 28.....	do .....	do .....	346	P. Bourget .....
do 28.....	do .....	do .....	347	— Modler .....
do 28.....	do .....	do .....	348	— Labrecque.....
do 28.....	do .....	do .....	349	P. Guay .....
do 28.....	do .....	do .....	350	— Gilbert.....
1877.				
Jan. 3.....	do .....	do .....	351	— Hunt .....
do 3.....	do .....	do .....	352	— Powell .....
do 3.....	do .....	do .....	353	F. Rochon.....
do 3.....	do .....	do .....	354	L. Gilbert .....
do 3.....	do .....	do .....	355	— Ruel.....
do 3.....	do .....	do .....	356	Ant. Morin.....
do 3.....	do .....	do .....	357	.....
do 3.....	do .....	do .....	358	— Denis.....
1876.				
Dec. 16.....	R. G. Fraser .....	Halifax.....	1	David Hickmhand .....
do 16.....	do .....	do .....	2	Augustus McCurdy .....
1877.				
June 29.....	do .....	do .....	542	James McCulloch.....
do 29.....	do .....	do .....	543	John Cruikshank.....
do 29.....	do .....	do .....	544	Leonard Harvey.....
do 29.....	do .....	do .....	545	Bridget Finigan .....
do 29.....	do .....	do .....	546	Edward Scanlan .....
do 29.....	do .....	do .....	547	John Grant.....
do 29.....	do .....	do .....	548	Angus McLeod .....

Tabulated Statement, &c.—Continued.

Continued.

RESULTS OF ANALYSIS.							Remarks by the Analyst.
Contained in 100 parts.						Butter Fat expressed in its equivalent as Cream.	
Butter Fat.	Caseine.	Sugar and Salts.	Ash.	Total.			
				Solids.	Water.		
4.00	7.00	4.60	0.40	16.00	84.00	10.00	No adulterated.
4.00	2.50	5.00	0.50	12.00	88.00	8.00	do
4.50	6.92	3.00	0.58	15.00	85.00	17.00	
2.40	5.96	2.30	0.34	11.00	89.00	11.00	
1.20	9.20	5.60	0.12	16.12	83.88	5.00	Skimmed.
0.60	8.04	6.10	0.36	15.00	85.00	traces.	do
4.00	4.00	5.02	0.30	13.50	86.50	12.00	
0.80	7.00	8.40	0.40	16.60	83.40	1.50	Skimmed milk.
4.00	6.00	8.20	0.50	18.78	81.20	1.00	
3.00	6.90	8.00	0.30	18.20	81.80	.....	
2.90	3.00	5.60	0.30	11.80	88.20	.....	
3.00	6.40	5.00	0.40	14.80	85.20	.....	
4.20	5.30	4.00	0.50	14.00	86.00	.....	
7.00	2.40	5.20	0.40	15.00	85.00	24.00	Exceedingly rich in cream.
3.20	2.10	4.80	0.40	9.70	90.30	.....	Doubtful; probably mixed with water.
3.00	3.10	3.00	0.30	9.40	90.60	.....	Probably mixed with water.
4.60	3.40	4.00	0.40	12.40	87.60	.....	
3.40	2.30	3.40	0.40	9.50	90.50	.....	Doubtful; probably mixed with water.
3.00	3.50	5.00	0.50	12.00	88.00	.....	
4.00	4.60	5.00	0.40	14.00	86.00	.....	
3.75	.....	.....	.....	13.05	86.95	15.00	This milk was quite fresh and free from adulteration.
3.4	.....	.....	.....	12.99	87.01	13.60	do do do
3.70	4.20	5.30	0.50	13.70	86.30	.....	Pure.
3.20	4.60	4.10	0.70	12.60	87.30	.....	do
2.70	6.90	4.50	0.50	14.60	85.40	.....	The percentage of solids not fat is large.
4.50	5.80	4.40	0.60	15.40	84.60	.....	Pure.
3.80	5.90	4.10	0.50	14.30	85.70	.....	do
3.00	5.20	4.80	0.50	13.50	86.50	.....	do
4.70	5.60	4.60	0.60	15.50	84.50	.....	do

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

MUSTARD.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.
1877.					
Mar. 28...	J. B. Edwards.....	Montreal.....	425	Thomas Lamb.....	Consists of a mixture of white and brown mustard, and contains about 30 per cent. of wheat starch and a little cayenne.
do 28...	do.....	do.....	426	Murray, Heron & Co.....	Consists of white and brown mustard about 70 per cent., and about 30 per cent. wheat flour, turmeric and cayenne.
do 28...	do.....	do.....	427	do.....	Consists of about 50 per cent. mustard and 50 per cent. wheat flour and turmeric.
do 28...	do.....	do.....	428	Dufresne & Mongenais.....	Consists of white and brown mustard, with about 30 per cent. wheat starch and a little cayenne.
do 28...	do.....	do.....	429	do.....	A mixed condiment of mustard, cayenne, salt, vinegar and spices, prepared for the table, is free from wheat starch and contains nothing injurious to health.
do 28...	do.....	do.....	430	do.....	Consists of white and brown mustard, with a little cayenne and about 40 per cent. wheat starch and potato starch.
1876.					
Dec. 15...	F. A. H. LaRue.....	Quebec.....	331	Labbe.....	Contains at least two-thirds of wheat flour, the rest being composed of turmeric and mustard.
do 15...	do.....	do.....	332	Maranda.....	Contains two-thirds wheat flour, the rest is composed of turmeric and a little mustard.
do 15...	do.....	do.....	333	Orr.....	Contains two-thirds wheat flour, the rest being a mixture of turmeric and a little mustard.
do 15...	do.....	do.....	334	Ouellet.....	Contains two-thirds wheat flour, the rest is a mixture of turmeric and a little mustard.
do 15...	do.....	do.....	335	Thibaudeau.....	Contains two-thirds wheat flour, the rest being a mixture of turmeric and a little mustard.
do 15...	do.....	do.....	336	Taylor.....	Contains two-thirds wheat flour, the rest being a mixture of turmeric and a little mustard.
1877.					
June	R. G. Fraser.....	Halifax.....	527	W. M. Ackhurst.....	Adulterated 50 per cent. with flour.
do	do.....	do.....	528	H. Niabit.....	Adulterated 50 per cent. with flour.

559 /A. & W. Smith..... Adulterated 35 per cent. with flour.  
 560 do ..... A very good mustard, containing a portion of flour—20 per cent. of flour.  
 536 W. M. Harrington..... Adulterated 25 per cent. with flour.  
 537 Bauld & Gibson..... Adulterated 25 per cent. with flour.  
 541 Peaks & Eaton..... Adulterated 30 per cent. with flour and coloured with turmeric.

PEPPER.

1876.	Sept. 30...	W. H. Ellis	Toronto	235	Wills & Watson	Ground pepper only.
	do 30...	do	do	236	do	Ground pepper mixed with wheat flour.
1877.	Mar. 29...	do	do	269	W. J. Smith	Consists of pure ground pepper.
	do 29...	do	do	270	do	Consists of black pepper adulterated with flour.
	do 29...	do	do	271	do	Consists of pepper adulterated with flour.
	do 29...	do	do	272	do	do
	April 24...	do	do	281	Hooper, Douglas & Co.	Consists of genuine ground black pepper.
	do 24...	do	do	282	do	Consists of pepper adulterated with wheat flour and cayenne pepper.
1876.	Oct. 2...	J. Baker Edwards	Montreal	129	Murray, Heron & Co	Ground white pepper, adulterated to the extent of 10 per cent. and upwards with mustard husk, black wheat husk and farina.
	do 2...	do	do	130	do	Black pepper, adulterated to the extent of 20 per cent. and upwards with mustard husk, pepper dust and wood fibre.
	do 6...	do	do	135	S. H. & A. Ewing	White pepper, adulterated to the extent of 15 per cent. and upwards with mustard husk and farina.
	do 6...	do	do	136	do	Black pepper, adulterated to the extent of 10 per cent. and upwards with pepper dust, mustard husk and pea meal.
	do 6...	do	do	140	A. Wills & Co	Black pepper, adulterated to the extent of 15 per cent. and upwards with mustard husk, pepper dust and pea meal.
	Nov. 30...	do	do	148	W. A. Campbell	Ground white pepper, adulterated with from 20 to 25 per cent. of mustard husk, rice and pea meal.
	do 30...	do	do	149	do	Ground black pepper, adulterated with from 25 to 30 per cent of rice, mustard husk, pea meal and Chili pepper seeds.
	do 30...	do	do	151	do	Cayenne pepper, consists of ground Chili pods, adulterated with 10 per cent. of mustard husk and pea meal.
	Dec. 1...	do	do	153	James Langlands	White pepper, adulterated to the extent of 20 to 25 per cent. with wheat flour, ground rice, mustard husk, Indian corn husk and Chili pepper.



APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

PEPPER.—Continued.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.
1876.					
Dec. 1...	J. B. Edwards .....	Montreal.....	154	do	Black pepper, adulterated to the extent of 15 to 20 per cent. with mustard husk, ground rice and Chili pepper.
do 1...	do .....	do .....	155	do	Cayenne or Chili pepper, adulterated to the extent of 10 per cent. with mustard husk and roasted peas.
1877.					
April 30...	do .....	do .....	435	Paul Bruchesi.....	Black pepper, adulterated to the extent of 30 per cent. and upwards with mustard husks, woody stems and wheat starch.
do 30...	do .....	do .....	436	do .....	White pepper, adulterated to the extent of 20 per cent. and upwards with pea meal, wheat flour and mustard husks.
do 30...	do .....	do .....	437	Murray, Heron & Co .....	Black pepper, adulterated to the extent of 30 per cent. of wheat starch and mustard husks.
do 30...	do .....	do .....	438	do .....	Black pepper, adulterated to the extent of 20 per cent. and upwards with pea meal, wheat flour, rice and mustard husks.
do. 30...	do .....	do .....	440	Dufresne & Mongenais.....	Cayenne pepper, consisting of ground red Chili pods with seeds, stalks, &c., included—not the genuine small Cayenne pod.
1876.					
Dec. 15...	F. A. H. LaRue.....	Quebec.....	339	Thibaudau.....	One-half pepper and one-half wheat flour.
do 15...	do .....	do .....	340	Labbé.....	do
do 15...	do .....	do .....	341	Pelletier.....	Consists of pepper and admixture about one-quarter wheat flour.
do 15...	do .....	do .....	342	Maranda.....	Pure pepper, without adulteration.
do 15...	do .....	do .....	343	Ouellet.....	One-half pepper and one-half wheat flour.
do 15...	do .....	do .....	344	Ort.....	do

Date.	Name of Analyt.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.				
					Ash.	Soluble in boiling water.	Alcoholic Ex-tract.	Peppertine.	
1877.									
Feb. 27...	R. G. Frazer.....	Halifax.....	28	Wm. Arkhurst.....	12.7	2.7	4.5	None.	This sample is principally a com-pound of husks of black mustard seeds, adulterated 90 per cent. Pure.
Mar. 10...	do .....	do .....	32	John P. Mott.....	5.2	1.1	7.5	1.20	Adulterated with bread to the ex-tent of 5 per cent.
do 10...	do .....	do .....	33	do .....	4.1	.....	9.5	0.93	Adulterated with bread and husks to the extent of 20 per cent. of sand.
do 10...	do .....	do .....	34	do .....	4.1	1.86	9.55	0.62	Adulterated with 2 1/2 per cent. of sand.
do 10...	do .....	do .....	35	Avery & Brown.....	6.8	2.10	9.50	1.16	Not adulterated.
do 10...	do .....	do .....	36	Forsyth & Co.....	4.9	1.20	9.00	1.20	

100  
50  
\* \* \*

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

OTHER SPICES.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Results of Analysis, and Remarks by the Analyst.
1877.					
April 24...	W. H. Ellis.....	Toronto.....	283	Todhunter, Black & Co.....	Mace—consisting of genuine mace.
do 24...	do.....	do.....	284	do.....	Nutmegs—genuine.
June 25...	do.....	do.....	300	do.....	Curry powder—free from any injurious substance.
April 30...	J. B. Edwards.....	Montreal.....	439	Dufresne & Mongenais.....	Mace—genuine from which the oil has been pressed.

PARIS GREEN.

1877.					
June 25...	W. H. Ellis.....	Toronto.....	608	E. Harris & Co.....	Contains excess of white arsenic and 7½ per cent. of sulphate of baryta.
do 25...	do.....	do.....	609	J. W. Paton.....	Slight excess of white arsenic.
do 25...	do.....	do.....	610	J. L. Bronson.....	Only an excess of white arsenic.
do 25...	do.....	do.....	611	J. Davids & Co.....	Genuine.
do 25...	do.....	do.....	612	H. Miller & Co.....	Only an excess of white arsenic.
do 25...	do.....	do.....	613	Percy & Stewart.....	do
do 25...	do.....	do.....	614	Archdale, Wilson & Co.....	do
		Hamilton.....			Contains 59 per cent. acite arsenite of copper (schweinfurth green); white arsenic (arsenious acid), 20 per cent., and sulphate of baryta 21 per cent.
do 25...	do.....	do.....	615	J. M. Hamilton & Co.....	Contains only an excess of white arsenic.
do 25...	do.....	do.....	616	Bowman & Moore.....	Contains an excess of white arsenic and 33 per cent. of sulphate of baryta.
do 25...	do.....	do.....	617	John A. Barber & Co.....	Contains only an excess of white arsenic.
do 25...	do.....	do.....	618	Wood & Leggatt.....	do
do 25...	do.....	do.....	619	Garland & Rutherford.....	do
do 25...	do.....	London.....	620	C. McCallum.....	Contains 15 per cent. of sulphate of baryta.
do 25...	do.....	do.....	621	B. A. Mitchell.....	Contains 18½ per cent. of sulphate of baryta.
do 25...	do.....	do.....	622	Wm. Saunders.....	Pure.
do 25...	do.....	do.....	623	R. Lewis.....	Contains 20 per cent. of sulphate of baryta.

do	26...	do	.....	do	.....	624	— Harkners .....	Adulterated with sulphate of baryta and coloured with Prussian blue.
do	26...	do	.....	do	.....	625	Strong & Rossu.....	Pure.
do	27...	do	.....	do	.....	626	A. Chowan.....	do
do	27...	do	.....	Kingston.....	.....	627	J. Muckleston .....	Contains 11½ per cent. of sulphate of baryta.
do	27...	do	.....	do	.....	628	H. Skinner .....	Contains 10 per cent. of sulphate of baryta.
do	27...	do	.....	do	.....	629	G. S. Hobart .....	Pure.
do	27...	do	.....	do	.....	630	M. J. Brown.....	do
do	27...	do	.....	do	.....	631	H. Skinner.....	Contains 7¼ per cent. of sulphate of baryta.
do	27...	do	.....	do	.....	632	S. Chown .....	Pure.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

PARIS GREEN.—Continued.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Results of Analysis and Remarks by the Analyst.				
					Arsenite of Copper.	Acetate of Copper.	Mineral Impurity.	Sulphate of Barytes.	Remarks
1877.									
June 27	J. B. Edwards	Montreal	447	J. A. Harle	88.00	10.00	2.00	.	88 p.c. arsenite of copper = 52 p.c. arsenious acid; genuine.
do 27	do	do	448	J. Goulden	80.00	10.00	.	10.00	80 p.c. arsenite of copper = 47.2 p.c. arsenious acid; adulterated with 10 p.c. sulphate of barytes.
do 27	do	do	449	J. McArthur	88.00	8.00	2.00	10.00	88 p.c. arsenite of copper = 47.2 p.c. arsenious acid; adulterated with 10 p.c. sulphate of barytes.
do 27	do	do	450	Denoon, Dodd & Drake	88.00	10.00	2.00	.	88 p.c. arsenite of copper = 52 p.c. arsenious acid; genuine.
do 27	do	do	451	A. Beaudoin	88.00	10.00	2.00	.	88 p.c. arsenite of copper = 52 p.c. arsenious acid; genuine.
do 27	do	do	452	O. M. Lavoie	72.00	8.00	.	.	72 p.c. arsenite of copper = 42.5 p.c. arsenious acid; adulterated with 20 p.c. sulphate of lime.
do 27	do	Ottawa	453	A. Christie & Co.	80.00	8.00	2.00	10.00	80 p.c. arsenite of copper = 47.2 p.c. arsenious acid; adulterated with 10 p.c. sulphate of barytes.
do 27	do	do	454	George Hay	96.00	4.00	.	.	96 p.c. arsenite of copper = 57.7 p.c. arsenious acid; genuine.
do 27	do	do	455	A. Workman	88.00	10.00	2.00	.	88 p.c. arsenite of copper = 52 p.c. arsenious acid; genuine.
do 27	do	do	456	W. A. Lloyd	96.00	4.00	.	.	96 p.c. arsenite of copper = 57.7 p.c. arsenious acid; genuine.
do 27	do	do	457	C. O. Dacier	80.00	10.00	.	10.00	80 p.c. arsenite of copper = 47.2 p.c. arsenious acid; adulterated with 10 p.c. sulphate of barytes.
do 27	do	do	458	Wm. Hearn	80.00	10.00	.	10.00	80 p.c. arsenite of copper = 47.2 p.c. arsenious acid; adulterated with 10 p.c. sulphate of barytes.

do 27	do	do	do	do	do	do	do	do	do	do
Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Paris Green.	Adulteration.	Results of Analysis and Remarks by the Analyst.			
1877.	June 10, F. A. E. LaRue.....	Quebec	394	J. Shaw	75-00	25-00	Adulterated to the extent of 25 p.c.			White arsenic (about 60 p.c.), sulphate of copper, sulphate of iron, alum, sulphate of atom, vegetable root (probably heliobore) called Hearn's potatoe-bug killer, equally poisonous as Paris green.
do 10	do do	do	395	Chinic, Beaudet & Cie.....	75 00	25-00	Adulterated to the extent of 25 p.c.			
do 10	do do	do	396	J. Bolvin.....	90 00	10-00	Adulterated to the extent of 10 p.c.			
do 10	do do	do	397	Charles Laveau.....	73 00	27-00	Adulterated to the extent of 27 p.c.			
do 10	do do	do	398	Lemieux N. Noel .....	76 00	24 00	Adulterated to the extent of 24 p.c.			
do 10	do do	do	399	J. L. Martineau.....	109 00		No adulteration.			
do 29	R. G. Fraser.....	Halifax.....	552	A. Forsyth .....			It is a preparation of acetate of copper and arsenic; no baryta.			
do 29	do do	do	553	P. Welsh .....			A preparation of acetate of copper and arsenic; no baryta.			
do 29	do do	do	554	Arcry, Brown & Co.....			A preparation of sulphate of copper and arsenic; no baryta.			
do 29	do do	do	555	Jas. Reardon .....			A preparation of acetate of copper and arsenic; no baryta.			
do 29	do do	do	556	Thomas Walsh.....			A preparation of acetate of copper without arsenic; no baryta.			
do 29	do do	do	557	Brown Bros.....			A preparation of acetate of copper and arsenic; no baryta; a small proportion of lime.			

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

PRESERVED VEGETABLES.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Results of Analysis, and Remarks by the Analyst.
1877.					
June 2	W. H. Ellis.....	Toronto.....	294	Falton, Michie & Co.....	Mushrooms in good preservation, excellent quality, and contains nothing injurious.
do 2	do .....	do .....	295	do .....	Peas in good preservation, of good quality, but containing a small quantity of copper. The quantity would be unlikely to prove injurious, but the presence of copper in any amount is to be avoided.
do 2	do .....	do .....	296	J. Widgery .....	Yarmouth sugar corn, of good quality and good preservation, without any adulteration.
do 2	do .....	do .....	297	do .....	Tomatoes unchanged, of good quality; a trace of copper.
do 2	do .....	do .....	298	Taylor & Cleghorn.....	Sweet wrinkled peas in good preservation, of excellent quality, and free from copper or any adulteration.
do 2	do .....	do .....	299	do .....	Lima beans in good preservation, unchanged and good quality; a trace of copper.
do 30	J. B. Edwards .....	Montreal.....	468	D. Crawford .....	Green peas, genuine, in good condition, and free from copper or any mineral matter injurious to health.
do 30	do .....	do .....	467	do .....	do .....
do 30	do .....	do .....	468	Dufresne & Mongenais.....	Green haricot beans, genuine, in good condition, and free from all mineral impurity.
do 30	do .....	do .....	469	do .....	Mixed vegetables. The French beans contained therein are impregnated with copper, and would be, if alone, injurious to health. They form, however, only 10 to 15 per cent. of the other vegetables, which are whole ones, and free from any mineral matter.
do 30	do .....	do .....	470	McGibbon & Baird.....	Fresh Lima beans, genuine, in good condition, and free from all mineral impurity.
do 30	do .....	do .....	471	D. Crawford .....	Yarmouth sugar corn, genuine, in good condition, and free from all mineral impurity.
May 7	F. A. H. Larue.....	Quebec.....	387	G. C. Hossack & Co.....	Macedoine, absence of all foreign substance and colouring matter, especially salts of copper; not adulterated.
do 7	do .....	do .....	388	Adam Waters.....	String beans, absence of all foreign substance and colouring matter, especially salts of copper; not adulterated.
do 7	do .....	do .....	389	G. C. Hossack & Co.....	Green peas, absence of all foreign substance and colouring matter, especially salts of copper; not adulterated.





SUGAR.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Cane Sugar.	Grape Sugar.	Ash.	Moisture.	Results of Analysis, and Remarks by the Analyst.
1876.									
Oct. 18	W. H. Ellis.....	Toronto.....	239	Wm. Casewell.....					Crushed sugar, containing 10 per cent. of common salt. This sample was taken from the top of the barrel.
do 18	do .....	do .....	240	do .....					Crushed sugar, containing a mere trace of common salt, from the bottom of same barrel.
do 18	do .....	do .....	241	do .....					Muscovado sugar, containing 1.7 per cent. of common salt.
1877.									
Jan. 12	do .....	do .....	242	Cramp, Torrance & Co	90.67	6.66	1.09	1.58	It contains no injurious substance.
do 15	do .....	do .....	243	Smith & Keighly.....	91.98	6.33	0.29	1.40	do
do 15	do .....	do .....	244	do .....	96.90	3.33	0.27	0.40	do
do 15	do .....	do .....	245	F. Morrison.....	90.53	7.13	0.59	1.75	do
do 15	do .....	do .....	246	Frank Smith & Co.....	91.37	7.20	0.53	0.93	do
do 15	do .....	do .....	247	W. Ramsay & Co.....	96.09	3.80	0.65	0.56	do
1878.									
Dec. 29	J. B. Edwards.....	Montreal.....	178	Kinlock.....	95.00		0.85	0.89	Containing lævulose or inverted sugar.
do 29	do .....	do .....	179	Gibb, Laird & Co.....	97.30		0.05	0.72	
do 29	do .....	do .....	180	do .....	98.40		0.02	0.60	
do 29	do .....	do .....	181	do .....	98.00		0.03	0.50	
do 29	do .....	do .....	182	Cox & Green.....	97.50		0.08	0.60	
do 29	do .....	do .....	183	Baird & Kinnaird.....	94.00		0.70	1.05	Containing lævulose or inverted sugar.
do 29	do .....	do .....	184	Reford Bros.....	98.25		0.02	0.60	
do 29	do .....	do .....	185	Cox & Greene.....	97.50		0.80	0.05	
do 29	do .....	do .....	186	W. R. Ross & Co.....	99.90		0.00	0.10	
do 29	do .....	do .....	187	Gibb, Laird & Co.....	99.50		0.00	0.00	
do 29	do .....	do .....	188	W. R. Ross & Co.....	100.00		0.00	0.10	
do 29	do .....	do .....	189	Gibb, Laird & Co.....	99.80		0.01	0.01	

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Water.	Glucose.	Mineral Matter.	Suspended Matter.	Cane Sugar.	Results of Analysis, and Remarks by the Analyst.
1877.										
Jan. 18	F. A. H. LaRue.....	Quebec.....	367	M. G. Mountain.....	2.50	5.00	1.50	traces.	91.00	
do 18	do .....	do .....	368	Whitehead & Turner...	1.50	traces	0.25	none.	98.25	
do 19	do .....	do .....	369	do .....	2.50	5.00	0.30	none.	92.20	
do 19	do .....	do .....	370	Ross & Co.....	3.00	5.00	1.50	traces.	90.50	
do 19	do .....	do .....	371	do .....	2.00	5.00	0.75	none.	92.25	
do 19	do .....	do .....	372	do .....	1.50	traces	0.25	none.	98.25	
do 19	do .....	do .....	373	do .....	2.00	traces	0.75	none.	97.25	
do 6	R. G. Fraser.....	Halifax.....	3	Tobin & Co.....	.....	.....	.....	.....	.....	Not colored by caustic potash; free from lime or sulphuric acid; no precipitate by copper test; unadulterated.
do 6	do .....	do .....	4	R. B. Macintosh.....	.....	.....	.....	.....	.....	Darkened by potash; precipitate with solution bar; gives copious precipitate with copper solution; adulterated with glucose sugar to the extent of 54 per cent.
do 6	do .....	do .....	5	do .....	.....	.....	.....	.....	.....	Darkened slightly with potash and slight precipitate by copper test; free from adulteration.
do 9	do .....	do .....	6	Esson & Co.....	.....	.....	.....	.....	.....	Only traces of precipitate by copper test; no adulteration.
do 9	do .....	do .....	7	J. S. MacLean.....	.....	.....	.....	.....	.....	Gives by copper test equal to 9 per cent. glucose sugar.
do 9	do .....	do .....	8	Bauld & Gibson.....	.....	.....	.....	.....	.....	Not effected by copper test or by potash; no adulteration.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

SWEETS.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Result of Analysis, and Remarks by the Analyst.
1876. June 2...	W. H. Ellis .....	Toronto.....	202	J. Shields .....	Sugar mice consists of sugar and starch, flavoured with cinnamon and chocolate.
do 2...	do .....	do .....	204	do .....	Conversation lozenges consist of sugar and starch, flavoured with peppermint favouring.
do 2...	do .....	do .....	205	do .....	French creams consist of sugar and starch, flavoured with chocolate and other harmless material.
do 2...	do .....	do .....	206	do .....	Crystallized fig paste consists of gum of Tragacantha, flavoured with sugar and fruit essence.
do 2...	do .....	do .....	207	do .....	Imperial consists of sugar with a little starch, flavoured with cinnamon.
do 13...	do .....	do .....	208	do .....	Fruit slice consists of sugar, flavoured to imitate fruit, and containing nothing injurious to health.
do 13...	do .....	do .....	209	do .....	French lozenges consist of sugar and starch, variously coloured and flavoured.
do 13...	do .....	do .....	210	Hooper & Co.....	Lozenges containing balsam of Tolu, sugar and gum arabic.
do 13...	do .....	do .....	211	do .....	do made of sugar, ginger and gum arabic.
do 13...	do .....	do .....	212	do .....	do starch and peppermint.
do 13...	do .....	do .....	215	do .....	do compound of sugar, starch and nitrate of potassium.
do 13...	do .....	do .....	216	do .....	do do do do
do 13...	do .....	do .....	217	G. Coleman.....	do do do do with a little starch, flavoured by oil of wintergreen.
do 13...	do .....	do .....	218	do .....	French creams, compound of sugar and corn starch.
do 13...	do .....	do .....	219	do .....	Pan goods (lozenges), compound of sugar and starch.
do 17...	J. Baker Edwards.....	Montreal.....	101	do .....	Sweet corn cake, a confection composed of matted Indian Corn, mixed with saccharine matter, and contains nothing injurious to health.
do 17...	do .....	do .....	102	Wilson & Co. ....	Cocoa confection, a confection composed of pounded cocoanut and cane sugar, some portions being coloured with cochineal. Contains nothing injurious to health.

do 17...	do	do	103	do	Mixed sugar drops consist of boiled sugar, flavoured, oil of wintergreen, aniseed, and caraway, and variously coloured with pink, red, yellow and brown, and contain nothing injurious to health.
do 17...	do	do	104	do	Red sugar drops consist of boiled sugar drops, waxed, flavoured with oil of wintergreen, and coloured with carmine lake. Contains nothing injurious to health.
do 17...	do	do	126	J. W. Tester & Co.	Centennial japs, confection composed of 25 per cent. cocoanut, about 75 per cent. glucose (made from starch), slightly coloured with carmine and other colours, but no mineral matter, and contains nothing injurious to health.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.  
TEA.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Results of Analysis, and Remarks by the Analyst.			
					Extract.	Ash.	Theine.	
1877.								
Feb. 21	W. H. Ellis.	Toronto	249	Perkins, Ince & Co.	40.74	5.67	2.31	No foreign leaves or other adulteration.
do 21	do	do	250	Cramp, Torrance & Co.	38.10	5.98	0.94	do and is not adulterated.
do 21	do	do	251	Perkins, Ince & Co.	38.80	5.30	0.90	do do
do 21	do	do	252	Cramp, Torrance & Co.	34.50	5.90	1.30	do do
do 21	do	do	253	Frank Smith & Co.	28.90	5.70	1.80	do do
do 21	do	do	254	Edward Lawson.	28.03	5.68	1.30	do do
do 21	do	do	255	do	32.76	6.08	0.90	do do
do 21	do	do	256	Wm. Adamson & Co.	29.82	5.81	1.08	do do
do 21	do	do	257	Miller & Syer	37.55	6.17	0.90	do do
do 21	do	do	258	Wm. Adamson & Co.	32.61	6.45	0.88	do do
do 21	do	do	259	Miller & Syer	35.23	6.14	0.91	do do
do 21	do	do	260	Frank Smith & Co.	29.36	5.37	2.00	do do
1876								
July 26	J. B. Edwards	Montreal	117	W. R. Shroud				Genuine Japan tea of low quality, but not adulterated.
do 26	do	do	118	do				Damaged tea, mixed with 20 per cent. exhausted tea leaves. N.B.—I consider this worthless as tea. Adulterated, and unfit for human consumption.
do 25	do	do	119	do				A low description of Ping Sueys tea, highly faced with Prussian blue and gypsum, and mixed with leaves of camelia and chloranthus to the extent of 15 per cent. I consider this tea adulterated and unfit for human consumption, and that it has been imported in this state.
Aug. 28	do	do	123	J. Gear & Co.				Consists of decayed and broken leaves and stalks of tea plant and other foreign leaves. It contains no appreciable quantity of Theine, the active principle of tea, and very little Pannic acid. It is valueless as tea, and unfit for human food.

Consists of low Japan tea, mixed with 10 to 15 per cent. of a factitious tea, resembling the above sample, and containing similar foreign leaves. I, therefore, am of the opinion that it is an adulterated tea.  
A fair sample of Japan tea, and is not adulterated.

do 28/ do do do 124 do 125

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Contained in 100 parts.			Theine.	Mineral Ash.	Results of Analysis, and Remarks by the Analyst.
					Extractive.	Tea Leaves.	Loss.			
1877. Mar. 16	J. B. Edwards	Montreal	411	D. Stroud	32.00	66.00	2.00	1.58	6.00	Poor Japan tea, mixed with green tea and faced with gypsum.
do 16	do	do	412	do	30.00	68.00	2.00	1.20	7.00	Green tea of low quality, faced with Prussian blue and gypsum.
do 16	do	do	413	I. Mahon	22.00	74.00	4.00	1.10	7.60	Common Japan tea, genuine.
do 16	do	do	414	do	21.00	75.00	4.00	1.10	7.30	do
do 16	do	do	415	J. Gravel	22.00	72.00	6.00	2.10	8.00	Genuine tea, highly faced with gypsum and Prussian blue.
do 16	do	do	416	do	30.00	68.00	2.00	1.60	5.60	A poor quality of Japan tea, with many stalks.
do 16	do	do	417	D. Stroud	25.00	72.00	3.00	1.20	7.60	(Genuine Japan tea (Yokohama).
do 16	do	do	418	D. Stroud	24.00	73.00	3.00	1.30	6.30	Good Japan tea, Kagasaki.
do 16	do	do	419	J. Hutchison	30.00	68.00	2.00	1.35	6.00	Fair quality of Japan tea.
do 16	do	do	420	do	28.00	70.00	2.00	1.52	6.00	Poor quality of Hyson tea.
do 16	do	do	421	Mr. Trudel	25.00	72.00	3.00	1.20	5.60	Japan tea mixed with Imperial.
do 16	do	do	422	do	26.00	71.00	3.00	1.30	7.30	Gunpowder tea highly faced with Gypsum and Prussian blue.

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

TEA.—Continued.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Humidity.	Soluble matter less tannin.	Tannin.	Insoluble or granic matter.	Salts soluble.	Salts insoluble.	Remarks by the Analyst.
1876.											
Nov. 8...	F. A. H. LaRue.....	Quebec.....	307	Lemesurier & Bouard.....	6 00	25 25	11 00	51 32	2 80	3 00	Not adulterated.
do 8...	do .....	do .....	308	do .....	6 00	18 50	10 00	61 50	2 40	1 60	do
do 8...	do .....	do .....	309	F. B. Parent.....	6 00	27 00	10 00	51 00	3 00	3 00	do
do 8...	do .....	do .....	310	do .....	6 00	23 70	8 30	54 80	2 60	4 60	do
do 8...	do .....	do .....	311	J. Thompson.....	6 00	24 60	10 40	53 80	3 10	2 10	do
do 29...	do .....	do .....	312	Bertrand & Brochu.....	6 00	25 40	9 60	53 00	3 60	2 40	do
do 29...	do .....	do .....	313	— Orr.....	8 50	20 40	11 10	52 80	4 50	2 70	do
do 29...	do .....	do .....	314	— Onellet.....	8 00	19 00	10 00	56 50	3 10	3 40	do
do 29...	do .....	do .....	315	— Labbe.....	8 00	17 10	12 80	53 70	3 80	3 50	do
do 29...	do .....	do .....	316	— Taylor.....	7 00	19 50	12 50	54 50	4 10	2 40	do
do 29...	do .....	do .....	317	W. Pelletier.....	9 00	19 90	9 10	54 00	3 30	4 70	do
do 29...	do .....	do .....	318	— Thibadeau.....	8 00	20 00	9 00	56 50	3 70	2 80	do
Dec. 1...	do .....	do .....	327	— Griffin.....	8 00	17 70	11 30	57 50	3 50	2 00	do
do 1...	do .....	do .....	328	P. Maranda.....	7 00	18 00	12 00	57 50	2 50	3 00	do

APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.

TEA.—Continued.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Moisture.	Tannin.	Other soluble matter.	Organic matter insoluble.	Ash soluble in water.	Ash soluble in acid.	Ash insoluble.	Sand.	Remarks by the Analyst.
1877.	R. G. Fraser.....	Halifax.....	504	A. McD.....	6.9	9.5	26.5	51.7	2.2	2.0	0.5	0.7	
do 11...	do .....	do .....	505	do .....	7.4	10.2	25.8	50.4	2.2	3.2	0.7	.....	This sample is evidently mixed with spent leaves.
do 11...	do .....	do .....	506	do .....	6.4	7.5	21.7	59.7	1.8	1.4	1.5	.....	
do 11...	do .....	do .....	507	A. McLeod & Co....	6.0	11.0	24.0	53.1	2.9	2.4	0.6	.....	
do 11...	do .....	do .....	508	Payzant & King....	7.5	10.9	24.1	51.2	3.2	2.6	0.5	.....	A few foreign leaves in this sample.
do 11...	do .....	do .....	509	C. Graham & Co....	6.9	9.6	21.3	56.5	2.4	2.7	0.6	.....	
do 11...	do .....	do .....	510	do .....	8.0	9.0	26.5	51.9	1.3	2.8	0.5	.....	A few foreign leaves, but not sufficient for adulteration.
do 11...	do .....	do .....	511	A. & W. Smith.....	8.2	10.5	25.0	50.2	2.2	2.9	1.0	.....	
do 11...	do .....	do .....	512	J. S. McLean.....	8.0	10.6	24.9	50.0	2.2	3.2	0.7	0.4	
do 11...	do .....	do .....	513	do .....	7.5	10.0	24.5	51.4	2.6	2.8	1.0	0.2	
do 11...	do .....	do .....	514	do .....	7.5	11.5	26.0	49.2	2.6	2.5	0.7	.....	
do 11...	do .....	do .....	515	C. Graham & Co....	6.0	9.4	25.6	53.8	2.4	2.0	0.6	.....	
do 11...	do .....	do .....	516	C. & W. Anderson	6.0	11.0	23.7	53.9	2.6	2.2	0.6	.....	
do 11...	do .....	do .....	517	Baile & Gibson....	7.0	10.5	26.3	51.2	2.3	2.0	0.7	.....	
do 29...	do .....	do .....	564	C. Graham & Co....	6.0	10.0	26.0	54.2	2.6	2.4	0.8	.....	



APPENDIX III.—INSPECTION OF FOOD.—Tabulated Statement, &c.—Continued.  
UNENUMERATED ARTICLES.

Date.	Name of Analyst.	Division.	No. of Analyst's Report.	Vendor.	Name of Article.	Result of Analysis, and Remarks by the Analyst.
1876.						
June 13....	W. H. Ellis. . . . .	Toronto . . . . .	213	Hooper & Co.....	Ridges' Food .....	Consisting entirely of farinaceous matter without any injurious ingredient.
Aug. 1....	do . . . . .	do . . . . .	214	do .....	Cough Lozenges .....	Consisting of sugar, with, I believe, Inecacuanha. The quantity was too small to make a proper analysis.

INLAND REVENUE DEPARTMENT,  
OTTAWA, 31st December, 1876.

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REPORT  
OF THE  
SECRETARY OF STATE  
OF  
CANADA  
FOR THE  
YEAR ENDED 31ST DECEMBER, 1877.

---

Printed by Order of Parliament.

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OTTAWA:  
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.  
1878.



**REPORT**  
 OF THE  
**SECRETARY OF STATE,**  
 FOR THE  
 YEAR ENDING 31st DECEMBER, 1877.

*To His Excellency the Right Honourable Sir FREDERIC TEMPLE, Earl of Dufferin,  
 Governor General of Canada, &c., &c., &c.*

MAY IT PLEASE YOUR EXCELLENCY:—

I beg to submit the following Report of the proceedings of this Department for the year 1877, in compliance with the Act in that behalf.

The fees received in this Department during the fiscal year ending the 30th June last, were as follows, viz:—

Charters of Incorporation.....	\$410 00
Commissions .....	91 00
Licenses .....	40 00
Passports .....	50 00
Copies of Documents.....	30 10
Certificates of Legalization.....	9 00
Copies of Patents .....	4 50
Certificate .....	5 00
Copy of bond.....	1 00
Searches .....	0 80
Sale of Statutes.....	261 90
	\$903 30

Within the past twelve months, 8,895 letters, petitions and other documents were received by this Department, and 5,978 letters were written and sent during the same period of time.

I have caused to be appended hereto, statements of the operations of the several branches.

Respectfully submitted,

R. W. SCOTT,  
*Secretary of State.*

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**APPENDIX A.**


---

DEPARTMENT OF THE SECRETARY OF STATE OF CANADA,  
REGISTRAR'S BRANCH,

OTTAWA, 15th January, 1878.

The Hon. the Secretary of State,  
&c., &c., &c.,  
Ottawa.

SIR,—In compliance with your request, I have the honour to submit, for your information, a statement of the work done in the Registrar's Branch of the Department of the Secretary of State from the 1st January, 1877, to the 31st December, 1877.

I would also beg leave to call your attention to the large amount of work performed in this Branch during the past year, being an increase of more than 100 per cent. over that of preceding years, as will appear from the following statement, viz. :—

Documents engrossed and recorded in 1874.....	2,085
“ “ 1875.....	2,410
“ “ 1876.....	2,531
“ “ 1877.....	5,250

I have the honour to be, Sir,

Your most obedient servant,

L. A. CATELLIER,  
*Deputy Registrar General of Canada.*

---

A CONDENSED STATEMENT showing the work done in the Registrar's Branch of the Department of the Secretary of State, from 1st January, 1877, to 31st December, 1877.

Documents.	Engrossed.	Recorded.	Total.
Commissions under Great and Privy Seals.....	88	88	176
Writs of Elections.....		12	12
Writs of Supersedeas.....	2	2	4
Proclamations.....	26	26	52
Letters Patent, summoning to Senate.....		4	4
do granting an Annuity.....	2	2	4
Charters.....	11	11	22
Treaties.....		7	7
Warrants.....	18	18	36
Licences.....	3	3	6
Exemplifications.....	4	4	8
Pardons.....	1	1	2
Board of Trade Certificates.....	4	4	8
Agreements.....	1	1	2
Bonds.....		187	187
Cancellations.....		23	23
Surrenders.....		73	73
Release from Mortgage.....	1	1	2
■ LAND PATENTS.			
Indian Land Sales.....	294	294	588
Ordinance Land Sales.....	78	78	156
Dominion Land Sales.....	546	546	1,092
do do (33 Vic.).....	413	413	825
Military Bounty Grants.....	132	132	264
Homestead Grants.....	42	42	84
Allotments (Half-breed).....	797	797	1,594
Homestead and Wood Lot.....	3	3	6
Wood Lots.....	2	2	4
Special Grants.....	4	4	8
			5,250

In addition to the above 2,277 pages of manuscript have been copied, which shows a large increase over that of preceding years.

An Annual Return of all Bonds and Securities recorded in this Department under 31st Vic., cap 37, is prepared for the Parliament of Canada under Section 15 of the same Act; and a Quarterly Return of all the Indian and Ordinance Lands is also sent to the Registrar of each County in which Patents have issued.

L. A. CATELLIER,  
Deputy Registrar General of Canada.

DEPARTMENT OF THE SECRETARY OF STATE,  
REGISTRAR'S BRANCH,  
OTTAWA, 15th January, 1878.

## APPENDIX B.

To the Honorable R. W. Scott,  
Secretary of State of Canada,  
&c., &c., &c.

The undersigned has the honour to submit the following Report respecting the services performed under his superintendence during the year ending the 30th day of June last. He also appends tables containing like information respecting the same services for the six months ending this day:—

### CANADA GAZETTE.

For the same causes as those stated in my last Annual Report, the *Canada Gazette* accounts continue to show a deficit, which is somewhat larger this year than last. This is attributable to the fewer notices of application for charters for incorporation, either Parliamentary or by letters patent, arising doubtless out of the continued financial depression.

The sums certified by me for payment on account of the *Gazette*, during the financial year, were,—

For paper.....	\$1,292 25
“ Translation (in part refunded) .....	141 80
“ Printing and distribution (not including postage)...	2,323 45
	\$3,757 50

The receipts for the same period were as follows:—

From subscriptions.....	\$224 75
“ Advertisements.....	681 62
“ Casual sales.....	8 00
	\$914 37

The number of *Gazettes* printed and issued on Saturday last, were,—

Gratis to official persons, &c .....	1,084
Subscribers and advertisers.....	81
	1,165

### THE STATUTES.

22,000 copies of Volume I of the Statutes of 1877 were printed, viz:—~~17,500~~ copies in English, and 4,500 in French. Of the second volume 6,000 copies in English, and 2,000 in French were printed. A portion of these editions of each volume were bound together; the remainder separately; the whole making, when completed, 24,400 bound volumes.

The cost was as follows:—

For Paper.....	\$3,990 97
“ Printing (including translations of Orders in Council, &c.) .....	1,933 63
“ Binding .....	4,214 90
“ Distribution (not including postage)*.....	998 39
	\$11,137 89

or an average of about 46½ cents per volume.

But this also includes the cost of a considerable number of Acts printed separately for the use of Departments and for sale. And in this connection will you permit me to call attention to a suggestion made in my annual report for 1873-74, respecting the great convenience to the public which would result from the sale here at cost price, as in England, of all public documents, as well as the Acts, the separate printing of which, I find, has met a want much felt in previous years.

For the details of the distribution of the Statutes of the year, I have the honour to refer you to the statutory return, now in preparation, to be submitted to Parliament.

There was also printed and issued during the year, for the use of newly appointed Justices of the Peace, a small supplementary volume of Criminal Laws, containing those passed in the sessions of 1875, 1876, and 1877. The edition consisted of 3,500 English, and the cost was \$953.79.

#### DEPARTMENTAL PRINTING, BINDING, &c.

Tables are appended, shewing the cost of Departmental printing and binding, executed by the Contractors for those services during the financial year; also a statement of such accounts for similar services performed by others, which have been submitted to me for audit, by the several Departments.

The comparative table subjoined shews a slight decrease in the cost of ordinary work, if the cost of paper, &c. used is included, but a considerable (proportionate) increase in confidential work.

There is a marked decrease in the amount of work done by others than the Contractors, sent to me for audit.

The number of requisitions issued during the financial year was: Upon the printer, 1,868; upon the binder, 1,188; upon the Stationery Office, 2,516,—making a total of 5,572, as against 5,767 in the previous year.

#### ADVERTISING.

I append a table similar to that given last year, shewing the amount of such of the advertising accounts as have been submitted to me for audit.

It will be seen that the total cost, \$12,751.56, as there given, is \$221.29 in excess of the cost in the previous year.

The whole respectfully submitted.

B. CHAMBERLIN,  
*Queen's Printer.*

QUEEN'S PRINTER'S OFFICE,  
OTTAWA, 31st December, 1877.

\* This is in excess of last year—but 1,200 additional copies were distributed to Justices of the Peace, &c., in Ontario alone.



Cost of Departmental Printing, &c., by Departments, for the Years ending 30th June, 1876, and 30th June, 1877.

Department.	Printing and Binding.		Stationery for Same.	
	1875-6.	1876-7.	1875-6.	1876-7.
AT CONTRACT RATES.				
	\$ cts.	\$ cts.	\$ cts.	\$ cts
Agriculture.....	1,028 53	875 85	702 10	943 74
Civil Service Board.....	5 13	63 71	1 78	43 59
Clerk of Crown in Chancery.....	25 95	4 72	16 87	14 22
Customs.....	5,038 07	6,246 66	2,961 14	3,603 27
Finance.....	2,327 84	2,337 38	808 94	962 29
Governor General's Secretary.....	274 13	86 75	63 65	86 19
Inland Revenue.....	8,717 58	6,620 33	3,904 38	2,608 66
Interior.....	1,012 85	1,515 75	382 67	692 07
Justice.....	667 83	509 36	459 94	277 81
Library of Parliament.....	5 58	7 88	1 05	11 69
Marine and Fisheries.....	1,503 77	1,271 06	970 33	618 32
Militia and Defence.....	1,577 32	1,658 68	873 22	842 84
Post Office.....	23,982 12	24,917 52	18,249 48	15,305 21
Privy Council.....	232 24	215 78	66 64	122 95
Public Works.....	1,029 07	1,671 18	605 03	818 35
Receiver General.....	208 83	1,258 81	124 32	846 77
Secretary of State.....	538 22	1,004 10	231 62	526 93
Supreme Court.....	273 87	80 00	143 17	20 28
Miscellaneous.....	6 37	42 75	4 43	3 85
	48,455 30	50,388 27	30,570 76	28,369 03
AT CONFIDENTIAL RATES.				
Agriculture.....	63 43			
Customs.....		74 25		
Finance.....	1,024 72	1,184 07		
Inland Revenue.....		13 50		
Interior.....	67 25	18 25		
Justice.....	761 95	42 95		
Marine and Fisheries.....	228 01	11 29		
Militia and Defence.....	74 20	117 87		
Public Works.....	17 75	7,677 58		
Secretary of State.....	44 03			
Miscellaneous.....	75 95			
	2,357 29	9,139 76		

Cost of Departmental Printing, &c., by Quarters, for the Years ending 30th June 1876, and 30th June, 1877.

Quarter.	Printing and Binding.		Stationery for Same.	
	1875-76.	1876-77.	1875-76.	1876-77.
AT CONTRACT RATES.				
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
September Quarter.....	12,563 32	12,205 76	8,251 29	7,180 46
December do .....	13,259 62	12,468 55	7,513 05	7,341 69
March do .....	9,427 47	12,505 51	7,004 55	6,797 84
June do .....	13,204 89	13,208 45	7,801 87	7,049 04
	48,455 30	50,388 27	30,570 76	28,369 03
AT CONFIDENTIAL RATES.				
September Quarter.....	93 67	14 79		
December do .....	499 74	15 50		
March do .....	1,631 48	3,552 25		
June do .....	132 40	5,557 22		
	2,357 29	9,139 76		

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, 1877.

Month.	Department.	Amount.
		\$ cts.
1876.		
August.....	Public Works.....	131 86
September.....	do .....	101 41
do .....	Interior.....	610 97
October .....	Agriculture.....	1,334 00
do .....	Secretary of State .....	62 90
November .....	Public Works.....	20 75
December .....	Secretary of State.....	28 00
1877.		
January .....	Public Works.....	520 30
February .....	Secretary of State.....	75 70
do .....	Public Works.....	809 50
March .....	Finance.....	755 92
May .....	Public Works.....	634 65
do .....	Interior .....	46 50
June .....	Marine and Fisheries (Fishery Commission.) .....	602 52
do .....	Interior.....	14 00
		5,748 98

Cost of Departmental Printing, &c., by Departments, for Six Months ending 31st December, 1877.

Department.	Printing and Binding.	Stationery for same.
<b>AT CONTRACT RATES.</b>		
	\$ cts.	\$ cts.
Agriculture .....	560 04	454 57
Clerk of Crown in Chancery .....	69 33	8 36
Customs .....	3,221 25	1,891 38
Finance .....	734 47	251 76
Governor General's Secretary .....	26 59	41 45
Inland Revenue.....	2,651 34	1,152 10
Interior.....	547 02	435 49
Justice.....	778 53	435 81
Library of Parliament.....	22 09	8 90
Marine and Fisheries .....	789 22	537 67
Militia and Defence .....	830 89	564 01
Post Office.....	9,127 24	7,360 82
Privy Council .....	114 85	6 10
Public Works.....	590 72	296 07
Receiver General .....	142 11	92 05
Secretary of State.....	395 71	194 99
Departments generally.....	13 60	2 66
	20,615 10	13,734 19
<b>AT CONFIDENTIAL RATES.</b>		
Inland Revenue.....	91 25	.....
Interior .....	143 09	.....
Militia and Defence.....	247 22	.....
Departments generally .....	15 50	.....
	497 06	.....

STATEMENT of Accounts for Printing Work done by others than the Contractors, but sent to this Office for audit, for Six Months ending 31st December, 1877.

Month.	Department.	Amount.
		\$ cts.
July.....	Public Works.....	416 78
August.....	Interior.....	64 00
September.....	Public Works .....	220 33
do .....	Interior.....	997 28
do .....	Post Office .....	18 25
December .....	Public Works.....	34 95
		1,691 59

ADVERTISING in Newspapers receiving Government patronage from 1st January to 31st December, 1877.

Department.	Ontario.	Quebec.	Nova Scotia.	New Brunswick.	Manitoba.	British Columbia.	Prince Edward Island.	United States.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Agriculture .....	482 70	490 71	112 00	11 00	50 00	20 50	10 50	.....	1,177 41
Customs .....	36 80	42 70	5 44	.....	.....	.....	.....	.....	81 94
Finance .....	90 80	73 14	.....	.....	.....	.....	.....	.....	163 94
Interior .....	417 17	219 90	.....	.....	98 42	.....	.....	.....	735 49
Marine and Fisheries .....	314 90	239 46	334 78	531 81	.....	.....	22 12	.....	1,463 55
Militia and Defence.....	266 36	420 67	80 31	79 00	.....	.....	9 20	.....	855 54
Post Office .....	683 11	878 84	522 01	441 11	36 25	117 00	51 10	.....	2,723 42
Public Works .....	3,159 00	1,375 29	231 12	703 86	.....	.....	.....	78 00	5,647 27
Totals .....	5,450 84	3,740 71	1,285 61	1,766 78	178 67	158 00	92 92	78 00	12,751 56

## APPENDIX C.

DEPARTMENT OF THE SECRETARY OF STATE,  
STATIONERY OFFICE BRANCH,  
OTTAWA, 8th January, 1878.

SIR,—I have the honour to submit herewith, statements of the accounts of this office for the year, from 1st July, 1876, to 30th June, 1877, and also for the half year ending 31st December, 1877.

Detailed accounts of the business will be found in the (Three) accompanying tabular statements, the aggregate of which may be stated thus:—

Value of Goods in Stock at 1st July, 1876 .....	\$ 14,124 88
“ “ received during the year... ..	57,900 18
Profit on the year's business. ....	1,752 35
	<u>\$ 73,777 41</u>
Goods issued to Departments.....	\$ 12,270 89
“ “ Outside Service.....	16,865 99
“ “ Queen's Printer for Departments....	28,235 45
	<u>\$ 57,372 33</u>
“ In Stock 30th June 1877—Carried forward.....	16,405 08
	<u>\$ 73,777 41</u>

The aggregate business of the past six months, similarly stated, is:

Value of Stock brought forward 1st July.....	\$ 16,405 08
“ Goods received to 31st December.....	27,968 28
	<u>\$ 44,373 36</u>
Goods issued to Departments.....	\$ 4,970 54
“ “ Outside Service.....	7,588 13
“ “ Queen's Printer for Departments.....	14,189 54
	<u>\$ 26,748 21</u>
Balance Stock in hand 31st December .....	17,625 15
	<u>\$ 44,373 36</u>

There has been a considerable increase in the work of the office during the year. Parcels and cases packed and despatched number 2,315, an increase over last year of 457, and the requisitions have numbered 5,336, an increase of 217, involving, also, a considerable increase in the correspondence.

There is, however, a comparatively small increase in the value of Goods issued. Details of this will be found in Statement No. 3. The totals shew:—

Increase in Goods issued to Outside Service.....	\$2,509 60
Decrease in “ “ “ Departments.....	1,670 22

Total increase.....\$ 839 28

---

This is a large decrease on the sum estimated, the estimate being based on the average increase of the last three years, and shews increased economy in the several services, but is also in some measure to be attributed to lower prices. The staples (papers and envelopes), being now lower than at any former period; freights also showing a reduction of a little over  $\frac{3}{4}$  of one per cent. Exact figures are 3.920 per cent against 4.677 for 1875-76.

The waste paper collected amounts to 22,263 lbs. for the year, the net sum received (by tender) being \$157.77, and for the half year \$64.96, which, with waste cases sold, amounting to \$17 and \$10 in the respective periods, have been deposited to the credit of the Honourable the Receiver General.

The whole respectfully submitted.

I have the honour to be, Sir,

Your most obedient servant,

JAMES YOUNG.

The Honourable R. W. Scott,  
Secretary of State for Canada.

## GOVERNMENT STATIONERY OFFICE.

STATEMENT of Expenditure for and Issue of Goods in each month of the year ending 30th June, 1877; and of the Half-year ending December 30th, 1877.

	Goods Entered from 1st July, 1876, to 30th June, 1877.		Goods issued from 1st July, 1876, to 30th June, 1877.
	Sterling. £ s. d.		\$ cts.
1876.			
July.....	1,026 0 9	2,745 99	5,338 11
August.....	713 18 3	2,547 57	5,494 85
September.....	887 17 4	1,064 08	3,967 99
October.....	796 8 2	1,312 09	4,619 42
November.....	456 0 6	2,178 18	4,545 24
December.....	303 5 10	2,126 80	4,924 97
1877.			
January.....	376 9 10	2,371 78	5,891 10
February.....	763 9 9	1,901 55	4,011 24
March.....	259 3 3	1,322 32	4,451 29
April.....	812 4 7	1,727 15	6,148 10
May.....	677 19 4	1,059 50	3,791 57
June.....	363 19 5	1,350 50	4,188 45
Net expenditure in Currency.....		21,707 51	
Net expenditure in Sterling.....	7,436 17 0	36,192 67	
Total Expenditure.....		57,900 18	
Stock brought forward 1st July, 1876.....		14,124 88	
Profits on the year's business.....		1,752 35	
Total issue of Goods.....			57,372 33
Stock carried forward 30th June, 1877.....			16,405 08
		73,777 41	73,777 41

GOVERNMENT STATIONERY OFFICE.—*Continued.*STATEMENT of Expenditure for and Issue of Goods in each month of the year ending 30th June, 1877.—*Continued.*

1877.	Goods Entered from 1st July, to 31st December, 1877.		Goods issued from 1st July, to 31st Dec. 1877.
	Sterling.		\$ cts.
	£ s. d.	\$ cts.	\$ cts.
July.....	646 19 11	3,570 16	7,577 87
August.....	742 10 10	1,808 55	2,961 73
September.....	360 16 11	1,092 01	2,282 08
October.....	963 5 3	1,838 34	5,389 93
November.....	479 17 11	1,620 72	3,740 58
December.....	280 19 9	1,129 14	4,796 02
Net expenditure in Currency.....		11,058 92	
Net expenditure in Sterling.....	3,474 10 7	16,909 36	
Stock brought forward 1st July.....		27,968 28	
		16,405 08	
Total issue of Goods.....			26,748 21
Balance stock in hand 31st December.....			17,625 15
		44,373 36	44,373 36



GOVERNMENT STATIONERY OFFICE.

GENERAL STATEMENT of Accounts exhibiting Details of Expenditure for Goods received, and Value of Goods issued to the Civil Service, during the Year from 1st July, 1876, to 30th June, 1877; and for the Half-year from 1st July to 31st December, 1877.

Class of Goods.	Goods entered during the year ended 30th June, 1877.		Goods entered from 1st July to 31st December, 1877.		Departments.		Goods issued during the year ended 30th June, 1877.		Goods issued from 1st July to 31st December, 1877.				
	Sterling.		Sterling.				Depart- mental.		Outside.				
	£	s. d.	£	s. d.			\$	cts.	\$	cts.			
Book papers.....	992	10 6	405	74	223	80	653	09	6	88	356	53	8 70
Foolscap papers.....	1,254	7 6	593	95	0	70			11	18			84 43
Double fcap. do.....	258	16 5	337	07					3,653	63	199	42	1,318 49
Post folio do.....	392	3 9	928	01	2,838	86	771	40			338	82	
Friating do.....	84	14 2	4,709	38			721	81			37	56	
Loan do.....	40	18 0	2,859	98	16	5 2	26	63			28	66	
Blotting do.....	65	17 6	1 13		61	2 6	55	26			26	32	
Copying do.....	22	16 6	2,889	68	11	19 7	5	34					
Manilla and W. R. papers	64	19 7	156	66	40	10 5							
Cartridge papers.....	12	18 8											
Drawing and tracing do.													
and cloth.....	207	5 8	245	86			449	18	313	02	265	07	42 15
Cut papers, 4to. and 8vo.	532	11 3					439	59	1,322	33	364	64	592 27
B. B. paper and envelopes	14	14 11			385	15 3			70	68			45 79
Envelopes.....	578	1 0	4,430	67	50	11 4			456	90			225 99
Parchment and buckram	99	13 3	17	71	396	17 9			251	25			61 28
do materials.....	77	0 2							59	83			74 97
Colours, India ink, &c.	35	16 9	332	45	20	9 6			23	70			7 13
Steel pens.....	34	17 6	47	05	20	14 0			44	75			24 59
Quill do.....	411	10 9	232	03	9	10 0			487	77			44 24
Penholders.....	3	9 0	31	60	85	10 8			160	20			147 08
Pencils.....	167	5 0	43	75	5	13 0			780	56			143 21
Sundries, A and B.....	21	0 0	171	52	84	2 0			330	86			394 97
Cards and cardboards.....	3	5 4	419	83	14	6 0			1,344	17			70 80
Sundries, C.....	23	18 1	14	56	49	40			212	10			77 47
Copying materials.....	54	12 0	352	50	56	10 0			1,947	61			115 67
Sundries, D.....	91	1 6	175	66	4	1 6			197	14			10 82
Despatch boxes.....					66	9 0			1,821	20			893 06
Elastic bands.....	169	1 6	39	45	71	16 6			6,108	64			3,376 19
					66	9 0			1,461	85			721 49

	23	8	0	3	25	1	8	6	116	85	28	80
Sundries, K.	36	14	2	15	33	13	19	2	778	87	56	97
Fasteners	57	5	4	193	44	26	15	6	72	04	36	49
Fyles and folders				202	71	2	8	0	56	19	14	72
Gum—mucilage	3	11	0	13	60	1	17	4	28,235	45	14,189	84
Gum bottles and brushes	64	16	9	643	96	7	3	0	76	17	28	91
Ink	48	17	2	92	05	13	6	6	284	25	108	32
Ink glasses and stands	24	14	0	74	00	15	5	0	195	41		
Sundries, I.	177	0	0	2	30	38	14	0	238	21	105	32
Knives—pocket.	26	8	0			14	10	10	194	35	114	21
do—desk and erasers	39	10	0			29	4	0	7	16		
Scissors.	25	8	0	15	33	30	14	0	270	39	100	56
Sundries, L.	12	5	0	4	05	34	11	6	537	09	236	77
Metallic memo. books	3	4	1	1	25	4	15	2	441	83	398	19
Sundries, N.	12	4	6	215	78	11	12	9	100	19	43	24
do	24	16	0	23	95	29	8	6	15	13	14	99
Rulers.	88	3	9	42	30	8	3	2	22	38	13	43
Sundries, S.	308	7	6	218	05	35	2	0	218	48	55	30
Tape, laste, &c.	15	9	0			209	14	6	106	58	50	87
Twines.	11	16	8	24	20				36	46		
Tapers, thermometers	285	2	6	14	20	76	17	6	611	69	98	27
Waters, wax vestas.	127	8	6	265	23	42	1	0	12	38		
Wax—sealing.				31	35							
Blank books	1	10	0	189	13	1	3	6	45,101	44	21,777	87
Almanacs				31	70				12,270	89	4,970	54
Printed books.	155	16	0									
Printing, binding, &c.	14	2	6	184	00	74	5	9	57,372	33	26,748	21
Engraving and stamped goods	200	17	7	63	96							
Sundries	103	16	11	62	95	88	14	6				
Cases.	2	14	9	22	16	45	19	5				
Charles				2,268	90							
Freight	7,926	18	2	22,073	17	3,694	14	3	48	84	40	30
Discounts.	493	1	2	365	66	220	3	8	17	00	10	00
Total currency				21,707	51				157	77	64	96
do sterling	7,436	17	0	36,192	67	3,474	10	7	Refunded on freight account.		26	50
Net expenditure				57,900	18				223	61		
									By Deposited to credit of Rec.-Genl.		141	76



Secretary of State.....	243 90	278 82	34 92	33 45	225 30
do Registrar's Branch.....	105 49	72 04		11 24	
do Queen's Printers' Branch.....	67 43	56 19			
do do Departments' Acct.....					
do Stationery Office.....	70 98	76 17	5 19		
do North-West Police.....				43 14	
do do Territories.....	247 39	194 35		195 41	
do North West Territories.....				7 46	53 04
do Indian Affairs.....	207 19	270 39	63 20	364 92	
do Ordinance.....	75 31	100 19	24 88		
do Dominion Lands.....	727 96	441 83		398 19	286 13
do Clerk of the Crown in Chancery.....	16 12	15 13			0 99
do Civil Service Board.....	28 46	22 38			6 08
do Library of Parliament.....	83 30	218 48	135 18		
do Departments generally.....	93 80	106 58	12 78		
do Goods Refunded.....					8 18
Total Issue for Departments.....	13,941 21	12,270 89			
do do Outside Service.....					
Total Increase for Departments.....		42,591 84	869 11		
do do Outside Service.....				3,761 35	2,539 43
Total Decrease for Departments.....					
do do Outside Service.....					1,251 75
Outside Service, Increase.....				3,761 35	
do do Decrease.....				1,251 75	
Net Increase.....				2,509 60	
Departments, Decrease.....			2,539 43		
do do Increase.....			869 11		
Total net Increase.....				1,670 32	839 28

## APPENDIX D.

DEPARTMENT OF THE SECRETARY OF STATE,  
NORTH-WEST MOUNTED POLICE BRANCH.  
OTTAWA, 31st December, 1877.

During December, 1876, United States Indians, numbering about 500 men, 1,000 women, and 1,400 children, with about 3,500 horses and 30 United States mules, crossed the line and camped at Wood Mountain, east of the Cypress Hills.

They informed the officers of the Mounted Police, who visited them, that they had been driven from their homes by the Americans, and had come to look for peace; that they had been told by their grandfathers that they would find peace in the land of the British; that their brothers, the Santees, had found it years ago, and they had followed them; that they had not slept sound for years, and were anxious to find a place where they could lie down and feel safe.

Parties of observation were immediately sent out by Inspector Walsh, commanding at Fort Walsh, and communication between Fort Walsh and the Indian Camps was established by the erection of outposts convenient distances apart.

The police took possession of all fire arms and ammunition held by parties for the purpose of trade, and sales have since been made only on permit granted by the officers of the force.

Towards the end of May, Sitting Bull, with 135 lodges, crossed the boundary, and joined the other United States Indians in Canadian Territory.

On the 2nd June, the officers of the force held a Council with Sitting Bull and other Chiefs, and Headmen of the U. S. Indians, which resulted in promises on the part of the Indians, to observe the laws of the White Mother which were explained to them.

On the 30th May, the Commissioner, Lt.-Col. MacLeod, recommended that an attempt should be made to induce the U. S. Indians in Canadian Territory, to re-cross the Line. Subsequently, the United States Government appointed a Commission to negotiate with Sitting Bull and the other U. S. Indians, with a view to inducing them to return to the United States. Unfortunately, the efforts of that Commission were not successful.

About 100 Nez Percés, men, women and children, who escaped from the United States troops during the fight which resulted in the capture of Chief Joseph and his followers, crossed the boundary in the early part of October, and several other bands have since crossed the line, and taken refuge in British Territory.

Correspondence with reference to these Indians is annexed hereto, also the proceedings of the Sitting Bull Commission, marked "Appendix E."

Attached hereto, marked "Appendix F" will be found papers relating to the action taken by the Mounted Police in May last in connection with an assault by a camp of Assinaboine Indians numbering 250 lodges, upon a camp of Sautaux Indians, numbering 15 lodges.

In consequence of the manner in which the Blackfeet Indians had scattered over the plains during the early winter and spring, it was found impossible until the month of August to communicate to them the message referred to in the Mounted Police Report for 1876, expressive of Her Majesty's appreciation of their conduct in rejecting overtures from the Sioux Indians of the United States to join in a war of extermination against the white population.

Assistant Commissioner Irvine, who conveyed the message to the Indians, reports that Her Majesty's expressions of approval were received by them with the liveliest feelings of satisfaction and gratitude. They expressed their unaltered loyalty to the British Crown, and repeated their willingness to fight in its defence if they were ever required to do so.

At the time of those expressions of loyalty from the Blackfeet, the United States newspapers were announcing the probability of the Northern Indians, who were represented as being ready for revolt, joining Sitting Bull and other hostiles in a devastating Indian war.

An escort, consisting of 103 police, 119 horses and two 9-pounder guns, was detailed to accompany the Lieut.-Governor of the North-West Territories during the making of the Treaty in September with the Blackfeet and other Indians, known as Treaty No. 7. The Commissioner, Lieut.-Col. Macleod, had previously sent out messengers to warn the Indians of the time and place of meeting. A detachment of police was on the ground in advance of the arrival of the Indians to mark out the camping ground to be occupied by the various tribes. The officers of the force also paid the Indians after the treaty had been completed. The treaty was made at the Blackfoot crossing of the Bow River, about 90 miles from Fort MacLeod. Not a single casualty occurred, nor yet was there disturbance of any kind amongst the Indians or traders, which was very remarkable when the large number of Indians of different tribes camped so close together is taken into consideration.

It is estimated that the Indians had not less than 15,000 horses and ponies with them.

His Honor the Lieut.-Governor of the N.W Territories expressed his unqualified satisfaction at all the arrangements that had been made, and the services performed by the police.

The efforts of the police to prevent the introduction of liquor from the United States to the North-West Territories of Canada have been eminently successful. It is believed that, with one exception, every attempt to violate the law in this respect has been immediately detected, the liquor seized, and the traders fined or imprisoned.

The case referred to as the exception occurred near Fort Macleod on the 14th and 15th of April, when the police succeeded in breaking up a whiskey ring which for some time previously had evaded their vigilance. Two men were arrested on the 14th, and 106 gallons of whiskey seized; the following day two others were caught, and a few days afterwards a barrel containing 45 gallons of whiskey was found on the prairie. A fifth man who was met on the prairie by a constable of the police force cut loose a keg of whiskey which was attached to his saddle, and by the fleetness of his horse succeeded in making his escape. The four men who were captured were fined \$200 each, or in default six months imprisonment.

Application was made by the Hudson Bay Company in May for a detachment of Mounted Police to be sent to Fort Dunvagan, three hundred miles north-west of Edmonton, to prevent the introduction of liquor from British Columbia to the Peace River District of the North-West Territories. The appropriation of Parliament for police service would not permit compliance with the request of the Company.

Fort Walsh was visited by a snow storm on the 21st and 22nd of April. The Indians and Half-breeds in the neighborhood suffered very much from the severity of the weather, and upwards of one hundred of their horses perished during the storm.

Owing to the great distances which separate the several Mounted Police posts in the North-West Territories it was found impossible for the Paymaster, the Quartermaster and the Veterinary Surgeon to perform the duties which at the organization of the force it was intended they should discharge; those offices have therefore been abolished under authority of Orders in Council of the 16th August, 1876, and the 25th June, 1877.

The officers commanding divisions now perform the duties of paymaster and quartermaster for their respective commands, and competent sub-constables have been appointed veterinary constables at the principal posts.

The customs duties collected at Fort MacLeod by the officers of the police force

from 1st November, 1876, to 6th November, 1877, amounted to \$12,104.33; and goods were purchased in Canada between March and June, 1877, and shipped in bond through the United States to Fort MacLeod to the value of \$21,124.00.

The customs duties collected at Fort Walsh by the officers of the police force during the year ended 30th September, 1877, amounted to \$10,430.77. The return of goods purchased in Canada and shipped in bond through the United States to Fort Walsh has not been received.

Much inconvenience and expense was found to result from allowing married men to have their families with them while serving in the police force. Half rations, and when possible, free quarters were allowed to wives and children of the men, and in case of removal from post to post, free transport for the families and baggage.

Instructions have been issued to the effect that in future, married men will not be engaged for service, and should men marry during their term of service, their wives will not be recognized either to as quarters rations or transport.

The police farm at Swan River was leased for the season of 1877; the lessees agreeing to supply so much of the produce as might be required for the police, at rates named in the lease. The arrangement has been a satisfactory one.

The first attempt at farming at Fort MacLeod was made during the past summer, twenty acres having been sown with oats, and five acres planted with potatoes. The crops were very good, and it is hoped that ere long the excessive cost of forage at that post will be reduced by the production in Canadian territory of the oats required for the police service.

During the year, 82 men have taken their discharge at the expiration of their term of service; 5 have been dismissed; 9 have been invalidated; 2 have been allowed to purchase their discharge; 2 have deserted and 1 has been drowned; total, 101.

During the same period, 97 new men have been engaged, and 32 men have re-engaged for a second term of service.

Sub-constable G. Mahoney was drowned on the 19th June, while crossing the South Saskatchewan River *en route* from Battleford to Fort Walsh.

THE Strength and Distribution of the Force on 30th November, 1877, was as follows:—

Places.	Commissioner.	Assistant Commissioner.	Surgeons.	Inspectors.	Sub-Inspectors.	Constables and Sub-Constables	Total.	Horses.
Fort McLeod.....	1	1	1	1	5	104	113	133
Fort Walsh.....			1	1	3	84	89	55
Wood Mountain.....					1	16	17	15
Pinto Horse Butte.....						6	6	13
Milk River.....						3	3	5
Fort Calgary.....				1	1	25	27	43
Fort Saskatchewan (Edmonton and Tail Creek).....				1	1	21	23	20
Battleford.....				1	1	13	14	6
Swan River.....			1	1		22	24	15
Shoal Lake.....					1	6	7	7
Qu'Appelle.....					1	5	6	3
Total.....	1	1	3	6	13	305	329	315

The Mounted Police Buildings in the North-West Territories are as follows:—

Swan River, accommodation for.....	150	men and horses.
Battleford do .....	50	do
Fort MacLeod do .....	100	do
Fort Walsh do .....	100	do
Fort Calgary do .....	25	do
Fort Saskatchewan do .....	25	do
Shoal Lake do .....	7	do

The buildings at Swan River and Battleford were erected by the Department of Public Works, those at the other posts by the mounted police. The force arrived at Fort MacLeod in the middle of September, 1874, and immediately commenced the erection of winter quarters. These were built of cotton-wood pickets; the spaces between the pickets being filled with mud, and the roofs covered with sods and sand. A portable saw-mill was purchased and forwarded to Fort MacLeod during the season of 1875; but it was not in working order until the autumn of 1876. Since then it has been employed in cutting lumber which has been used for flooring and roofing purposes; the cotton-wood pickets are however rapidly becoming rotten and it will be necessary to provide at an early day for the erection of new and more substantial buildings.

The buildings at Shoal Lake are of a temporary character, and it is very desirable that permanent buildings for an officer and ten men should be erected there; an officer stationed there, having magisterial powers, could by means of outposts, control all the trails leading from Manitoba westward.

Should it be decided to make Qu'Appelle a permanent police post it will be necessary to erect quarters there for an officer and five men.

The expenditure during the fiscal year ended 30th June, 1877, for Mounted Police service was \$352,749.05, but that sum included arrears of previous years \$23,256.00, leaving the expenditure for 1876-77 \$329,493.05, or an average of \$1,000 per man and horse. I have made enquiries with reference to the cost of pay and maintenance of United States troops and find that the cost of the Mounted Police is fully one-third less per man and horse than the cost of a cavalry soldier of the United States and his horse. The United States posts are, as a rule, on or near railways or navigable waters, whilst the Mounted Police posts are from 250 to 900 miles from navigable waters.

In consequence of the demands of the United States cavalry in the Territory of Montana, and the ravages of the grasshoppers, the larger portion of the oats required in past years for the Mounted Police had to be transported from 1,500 to 2,000 miles to the police posts in the North-West. The bountiful harvest of the year 1877 will, without doubt, result in reduced prices for forage and other farm produce required for the year 1878.

Respectfully submitted.

FREDERICK WHITE,

To the Hon. R. W. Scott,  
Secretary of State.



## APPENDIX E.

### MOUNTED POLICE REPORT,

DEPARTMENT OF JUSTICE.

May 26th, 1876.

SIR,—The Secretary of State desires me to inform you that a confidential report has been received, which indicates the possibility of the United States' operations against the hostile Indians of Dakota and Montana, on the Yellowstone and Bighorn Rivers, resulting in their being driven for shelter into the Territories, and using Canadian soil as a base for predatory and hostile operations.

From the present and intended movements of the United States troops, it is supposed that one body will move westward from Bismarek; another has, it is stated, moved east from Fort Shaw, and a third moves north from some southern point.

The place for which these escaping parties (should the suspicions I have expressed prove correct) would make, might be somewhere in the vicinity of Wood Mountain.

In drawing attention to these movements, I am to request that you will give special instructions to have a sharp look out kept towards Wood Mountain, and on the slightest indication of what has been anticipated taking place, you are to have it communicated here at once by telegraph.

I have the honour to be, Sir,

Your obedient servant,

(Signed,)

H. RICHARDSON.

Assistant Commissioner IRVINE,  
N.W.M.P., Fort MacLeod.

FORT MACLEOD, 1st July, 1876.

SIR,—I have the honour to acknowledge the receipt of your confidential letter of the 26th May last, in regard to the United States' operations against the hostile Indians of Dakota and Montana, in the Yellowstone and Bighorn Rivers, resulting in their being driven for shelter into the Territories and using Canadian soil as a base for predatory and hostile operations.

I anticipated this, and gave orders to Inspector Crozier to keep a strict watch, and on the slightest indication of such a thing happening, to send me word at once.

I intend to return to Cypress Hills in a few days taking about fifteen men with me from F Division, where they can be easily spared at present. I will take a ride over the country in the vicinity of Wood Mountain. I will also give special instructions to have a sharp look out kept toward Wood Mountain, and on the slightest indication of what has been anticipated taking place, will have it communicated to you at once by telegraph.

I have the honour to be, Sir,

Your obedient servant,

(Signed,)

A. G. IRVINE,

*Assistant Commissioner.*

Lieut.-Colonel RICHARDSON,  
&c., &c., &c.,  
Ottawa.

FORT MACLEOD, 19th September, 1876.

SIR,—I have the honour to enclose herewith copy of a Report I have received from Inspector Crozier, together with an affidavit of one Gabriel Solomon, a French Half-breed, who reports having seen a scout from "Sitting Bull's" camp.

I instructed Inspector Crozier, when he was in command at Cypress Hills, to gather all the information he could regarding the movements of the Sioux Indians on the American side of the line.

I have much pleasure in bringing before your notice, the satisfactory manner in which Inspector Crozier performed his duties, and the tact and discretion he exhibited while temporarily in command at Fort Walsh.

I have the honour to be, Sir,

Your obedient servant,

(Signed,)

A. G. IRVINE,

*Assistant Commissioner.*

The Honorable

The Secretary of State,  
Ottawa.

FORT WALSH, NORTH-WEST TERRITORY,

August 18th, 1876.

CANADA, }  
N. W. Territory. } *To Wit.*

I, Gabriel Solomon, make oath and say:—That a Half-breed, dressed as an Indian, from Long Lake, far away on the south side of the Missouri, who said he was a Canadian Half-breed; his name Laframboise; he left Long Lake on the 15th April; he said he had been at "Sitting Bull's" camp on his way up; he said Sitting Bull himself had told him, at a Council of Chiefs, that he did not intend making war on the people of the North or Canadians; he (Sitting Bull) further said that he found himself surrounded—in his own words—"like an island in the middle of the sea;" there were only two ways of escape—one to the country of the Great Mother, the other to the Spaniards. He told the Half-breed that he had already had a battle with the Americans, meaning General Custer's battle. Sitting Bull's scouts had found out that the Americans were advancing, and Sitting Bull told the Half-breed that he was going to fight the Americans again. Sitting Bull was undecided whether he would go to the Spanish country (meaning, I suppose, Mexico) or to Canada. Sitting Bull calls a council every day to talk about which way they will go. In a speech at the council, the other day, he said: "We can go nowhere without seeing the head of an American. Our land is small, it is like an island. We have two ways to go—to the land of the Great Mother, or to the land of the Spaniards. Since spring we have killed 1,000 Americans. We are done counting, let us strike."

I was camped on one of the forks of "Old Wife's Lake" when this Half-breed mentioned above came into the country and gave me this information. He has gone back to the place he came from.

Sitting Bull told the Half-breed that as soon as he put his foot across the line on the Canadian soil he would bury the hatchet.

I saw a Sioux just from Sitting Bull's camp, who had been sent by Sitting Bull to the Qu'Appelle to hear what the English had to say about him. I turned him back, because I thought he might have been sent to find out the strength of the Fort and get other information to enable the Sioux to attack the Fort.

(Signed,) GABRIEL <sup>his</sup> + SOLOMON.  
mark.

Sworn to before me this  
18th day of August, 1876, at  
Fort Walsh, North-West Territory,

(Signed) L. N. F. CROZIER,  
Justice of the Peace.

Witness,

(Signed) G. W. G. ROLPH.

(Copy.)

FORT WALSH, NORTH-WEST TERRITORIES,  
18th August, 1876.

SIR,—I have the honour to enclose an affidavit taken to-day of one Gabriel Solomon, a French half-breed, who has seen a scout from Sitting Bull's camp. I thought it best to take his affidavit as it is difficult to believe mere reports. I thought the information might be useful, and I think it is reliable.

I sent by last mail a report informing you that I had sent Mr. Antrobus with a party to the Sioux camp, which I heard of through two Cree Indians who were on the White Mud River, near the place you went to when last here. I hoped he might succeed in catching a party of whiskey traders who were reported to have come from the American side and traded whiskey with the Sioux. This was reported to me by these Crees. Also to try and recover a herd of horses reported by some Blood Indians to be taken by a war party of Sioux from the Bloods.

Mr. Antrobus returned after an absence of four days, without having found the camp. From information I received to-day, and which I consider perfectly reliable, as the Half-breed who told me had just come from their camp, the Sioux are not now on this side of the line; they left the place they had been camped at when Cochran saw them several days before you were there, and had moved towards Wood Mountains, and from there to the American side. I understand they intend wintering somewhere near Devil's Lake, on the American side.

I think from what I heard to-day that the horses taken from the Bloods were not stolen by the Sioux, or at least not by the Sioux that have lately been on this side. My informant says he had every opportunity of knowing what was going on in their camp, and he knew of no strange horses having been brought in, or of any parties going out to steal horses. My impression is that the horses were either taken by Indians belonging to this side, or, which is more likely, they strayed off.

At the time the Bloods say the horses were taken the Sioux must have been a long distance off, either at Wood Mountain or in American Territory opposite that point.

The same Half-breed who gave me this information says he also heard there had been alcohol brought into the camp, but he had not seen it; he tells me that an American, whose name he did not know, was married to one of the Sioux women; that this woman may have got the liquor from her husband and given it to the Indians.

As you will see, when you receive my report, I sent Mr. Antrobus, on a report received from two Crees, hoping to catch them (the traders) in the event of their returning, which the Crees said they intended to do.

The Crees said that whiskey was in the camp eight days before they told me, and that the camp was then on the White Mud River; now, from what I have learned to-day, that is certainly not the case; on the whole I think it quite impossible that there is any truth at all in the story: you are well aware of the extraordinary rumours and reports that come from the Indians about here.

I understand from Mr. Allen that Leveille had told you on your road to Benton he had reported to me that traders of whiskey and goods had been trading with Indians on this side; though I was under the impression I had told you about it, I may be mistaken about it. The facts are, Leveille's son was returning from Benton, he told his father when he arrived here that he had seen a party of traders on the American side (it was at the time the Indians were leaving their "Medicine Lodge" a few days after the gathering of the Indians you attended at the head of the mountain). Thinking that the traders might possibly come to this side to trade, as there were so many Indians together, I sent up at once; there were no traders there, or had there been, I have taken every opportunity since of ascertaining if there had been whiskey or American goods traded, and have been assured that there were not.

The "Little Black Bear" was here to-day, and I particularly questioned him about the matter; he said it was entirely false, and had it been true, he would certainly have heard; he says that a camp of "Gros Ventres," who were camped at the line, had whiskey with them—a small quantity brought from some American Post, or given them by American traders, he does not know which; at first they were not sure which side of the line they were on, but when "Black Bear's" son, who was there, told them they were on the Canadian side, they crossed on the American side before drinking it.

Had liquor been brought into the country I am sure I should have heard of it as there are so many Indians and traders who would have been only too willing to tell.

There are, as usual, rumours that the Sioux (but which tribe I do not know) have sent word to the Half-breeds not to winter at Wood Mountain or Milk River, as they intend coming over to steal horses, and kill any person about those places. I give you this item for what it is worth, for my part I think it untrue.

I have the honour to be, Sir,

Your obedient servant,

(Signed,)

L. N. CROZIER,

*Inspector Commanding Fort Walsh.*

Asst. Com. IRVINE, N. W. M. P.,

Fort Macleod.

SWAN RIVER BARRACKS,

27th March, 1877.

SIR,—I have the honour to enclose herewith the letter which I received from Inspector Walsh, reporting that a large Band of Sioux Indians had crossed the boundary line, and were camped at Wood Mountain. I instructed Inspector Walsh to carry out the suggestions contained in his letter, and to send a small detachment to Wood Mountain and another to the eastern end of Cypress Hills. These detachments thus stationed would keep him continually informed of the movements of the Sioux, and would prevent the trading of ammunition and fire-arms except by permit.

I had previously instructed Inspector Walsh to take possession of all fire-arms and ammunition held by parties for the purpose of trade, and only to allow these articles to be traded upon his special permit. I apprehend that in the absence of

any special law to meet the circumstances the Act 31 Vic., cap. 15, sec. 3, would apply. I furnished His Honor the Lieutenant Governor with a copy of Inspector Walsh's letter, and submitted to him my opinion with regard to the applicability of the Statute I have mentioned, and he concurred in my view of it. I instructed Walsh to tell these Indians that they would commit a breach of our law if they made this country a basis of hostile operations against the United States, and that they need not look for refuge on our side if they crossed the boundary for the purpose of continuing the war against the Americans.

I beg leave to press upon the consideration of the Government that no time should be lost in dealing with the Sioux who have crossed into our Territory, as if they are allowed time to recuperate I fear they may cause some trouble and will not be so easily dealt with as they would be in their present enfeebled condition.

I have the honour to be, Sir,

Your obedient servant,

JAMES F. MACLEOD,

*Commissioner.*

The Honorable

The Secretary of State,

Ottawa.

FORT WALSH, CYPRESS HILLS,

NORTH-WEST TERRITORY, 31st Dec., 1876.

SIR,—I have the honour to inform you that, as stated in a previous communication, I started on the 13th instant to meet Sub-Inspector Frechette on his return from Wood Mountain to hear his report, and if found necessary, to proceed to Wood Mountain to see the hostile Sioux now camped at that place. Mr. Frechette reported fifty-seven (57) lodges, but could not give the number of men to each lodge, a matter which I considered important for your information; usually there are from two to three in each lodge, but in war camps from six to seven. Therefore, I proceeded to Wood Mountain to gain the information which I thought would be required by you. I arrived at Wood Mountain on the 21st instant, making the trip from the end of the Cypress Mountain in three and one-half days.

Two days before my arrival, the "Black Moon," a hostile Uncapapa Sioux, with 52 lodges, making in all one hundred and nine (109) lodges, mixed Sioux Agallalla, Minnecougoos, Uncapapa, Black Feet, Saw Sacs, and two Kettles, numbering about 500 men, 1,000 women, 1,400 children, 3,500 horses, and 30 United States' Government mules.

This camp is adjoining the Santee camp of about 150 lodges (White Eagle, the Chief) and is situated in the timber, four miles east of the Boundary Survey Buildings. White Eagle has occupied that section for many years past, and is very observant of the Canadian laws. He expressed himself to be glad to see me, as he was unable to tell these people (hostiles) the laws which they would have to observe if they remained in this country; the matter had given him much uneasiness as he did not wish other Indians coming in and joining his camp to be without a knowledge of the law which would govern them, and it afforded him great satisfaction that I had visited them to tell them what they must do. He is under the impression that these people will submit to the laws, otherwise he would not have allowed them to join his camp; he had lived in peace so long that he did not wish to be disturbed by people who would not readily agree to abide by the laws which were observed by the Santees. About six o'clock on the evening of my arrival, White Eagle assembled all

the hostile Chiefs; the principal ones amongst them were:—"The Little Knife," "Long Dog," "Black Moon," and "The Man who Crawls;" he explained to them who I was. I opened the Council by telling them I would not say much to them aside from giving them the laws which govern the people in this country, which they must obey as long as they remained, and to ask them a few questions to which answers would be required, which, I would transmit to the Queen's Great Chief in this country. I asked them the following questions: "Do you know that you are in the Queen's country?" Their answer was, that they did. I asked, "What have you come for?" They replied, that they had been driven from their homes by the Americans, and had come to look for peace. They had been told by their grandfathers that they would find peace in the land of the British; their brothers, the Santees, had found it years ago and they had followed them; they had not slept sound for years, and were anxious to find a place where they could lie down and feel safe; they were tired of living in such a disturbed state. I asked them, "Do you intend to remain here only during the cold months of winter, have peace, and when spring opens to return to your country across the line and make war?" They answered, no, they wished to remain, and prayed that I would ask the Great Mother to have pity on them.

I then explained the laws of the country to them as has been our custom in explaining to other Indians, and further told them they would have to obey them as the Santees and other Indians do.

The several Chiefs then made speeches in which they implored the Queen to have pity on them, and that they would obey her laws. I told them I would send what they had said to the Queen's Great Chief. In conclusion, I told them there was one thing they must bear in mind, the Queen would never allow them to go from her country to make war on the Americans, and return for her protection, and that if such were their intentions they had better go back and remain.

The following day the Chiefs waited upon me with White Eagle for spokesman, and prayed that I would allow them a small quantity of ammunition for hunting purposes as their women and children were starving, they were using knives made into lances for hunting buffalo, and others were lassoing and killing them with their knives, some were using bows and arrows, and that killing this way was so severe on their horses that they were nearly used up, and if they did not have any ammunition they must starve.

I replied that the Great Mother did not wish any people in her country to starve, and if she was satisfied that they would make no other use of ammunition other than for hunting, she would not object to them having a small quantity, and that the Santees who had always obeyed the laws could be allowed a small quantity; but they, the Uncapapa's Agallallas and others were strangers, and might want ammunition to send to the people whom they claimed as brothers on the other side of the line. This, they declared they did not wish to do. I then told them I would meet Mr. Le Garre, a Wood Mountain Trader, who was on his way with some powder and ball and 2,000 rounds of improved ammunition to trade to the Santees, and would allow him to trade to them as a small quantity for hunting purposes only; this appeared to relieve them greatly.

On my return I met Mr. Le Garre, who is a reliable man, and a Justice of the Peace, and explained to him what I had told the Indians regarding ammunition, and cautioned him as to the quantity that he should give, and to thoroughly satisfy himself that it should be used for no other purpose than for hunting. As he had only 2,000 rounds of fixed ammunition it would only amount to 2½ rounds per family, I cannot believe that there is any danger of any of it going across the line. Mr. Le Garre seemed to think we did quite right in allowing them a small quantity, not that he cared to trade it, but he did not see how they could have subsisted if this permission had not been given, as only a small portion of them had muzzle-loading guns.

My opinion is that these Indians will remain at Wood Mountain this winter (owing to the change in range of the buffalo, there being plenty at Wood Mountain and east of here this winter, which has not been the case for years before), and, from

what I can learn, there are more Indians coming ; of this I am not certain, as I could not get positive information, and my impression is they will obey the law. While in our country they will be influenced in a great measure by the Santees; while they remain some provision should be made by which they may obtain ammunition which they absolutely require to keep them in food.

The Santees claim the right to have ammunition with other British Indians, and as the camps are adjoining it will be difficult to give to one and refuse the others.

The Santees ask the White Mother to allow these people to have a small quantity of ammunition to keep them from starving.

I would recommend that communication be opened to Wood Mountain, which I can do by placing a non-commissioned officer and two men at the foot of this mountain, and placing two lodges, say 45 miles apart, between that point and Wood Mountain, at places I have selected where there is timber. (These lodges would be perfectly safe as people would be informed that they belong to the police, and would be made secure against storms by iron pins driven firmly into the ground) this would ensure messengers shelter every night; at Wood Mountain I would station a constable and two men whose duties should be to take charge of any ammunition arriving there for other parties, and being present when it is traded, take note to whom it is traded, the quantity and kind, and report to the post at such times as may be agreed upon.

The non-commissioned officer at the foot of the mountain to have similar duties, both to be guided by instructions given.

I suggest this because it is practicable; feed for the horses at both places is good, and with what grain we can send through they would do well. All this I could do without adding any expense to the Government, aside from the purchase of two lodges and the expense of a guide. I regard the number of men recommended sufficient for this duty, as I consider there is no danger to be apprehended from these Indians this side of the line, but still think their movements should be watched.

Another duty of these detachments would be to take reports of Half-breeds who wish to cross the line to trade, many of the trading posts on the American side of the line being closed, and they are forced to come to this side to make their purchases. They also wish to know how they can make their entries on robes, horses, &c., at Wood Mountain and foot of this mountain—the former being 180 miles the latter 45 distant—too great for them to come here.

I have been informed that parties have been over and made trades and returned, but being unable to find the property traded I was forced to let the matter drop.

I would further suggest that if permission is given to establish the communication, I be notified at once, as the roads are in good condition for the transportation of supplies and grain. No more than four horses would be required for each place.

I would recommend that constable McDonell be stationed at Wood Mountain, and constable Martin at the foot of the Cypress Mountain.

I beg to enclose report of Sub-Inspector Fréchette, awaiting your instructions.

I have the honour to be, Sir,

Your very obedient servant,

J. M. WALSH,

*Inspector Commanding N.W.M.P., Fort Walsh.*

To Col. J. F. MacLEOD, C.M.G.,

Commissioner, North-West Mounted Police,

Fort MacLeod, North-West Territory.

FORT WALSH, 15th March, 1877.

SIR—I have the honour to report that on the 3rd instant, on my arrival at Yankton camp, situated on White Mud River, 120 miles east of this place, the Head Chief of the Tetons and fifty-seven lodges of his tribe, direct from Powder River, were crossing line and made camp three-fourths of a mile north of line close to Yankton camp; after the camp was made, I informed the Medicine Bear, Chief of the Yanktons, that I wished to have a talk with the Teton and Yankton Chiefs, and asked him to call them in council, which he did. "Four Horns" is the Head Chief of the Tetons, and carries with him, what might be called the headquarters of the tribe. Sitting Bull he only acknowledges as one of his head soldiers; to "Four Horns" and the Tetons I spoke first. I put the same questions I did to "Black Moon," the highest chief in the party of Tetons that first arrived, viz: "Do you know that you are now in the Queen's country?" Their answer was that they did. I asked, "What have you come for?" They replied, that they had been driven from their several homes by the Americans and had come to look for peace. They had been told by their fathers that they would find peace in the land of the British. They had not slept sound for years, and were anxious to find a place where they could lie down and feel safe. They were tired of living in such a disturbed state. I asked them: "Do you intend to remain here only during the cold months of winter, have peace, and when spring comes to return to your country across the lines and make war." They answered "No." They wished to remain, and prayed that I would ask the Great Mother to have pity on them. I then explained to them the law, such as we gave to the other Indians; also told them it was a crime against the laws of the "Great White Mother" for any one of them to go from her country and make war on the Americans, and asked them if they thought they could obey it; if not they had better return, for the "White Mother" would not allow any crimes to go unpunished in her land. They replied that they would obey the law.

I then spoke to "Medicine Bear" and the Yanktons, and asked them what were they doing on the British side of the line; that they were Agency Indians, and I was surprised to see them over here? "Medicine Bear" replied, that most of the Yanktons had become dissatisfied with the Americans; that they had refused to allow them ammunition to kill buffalo to feed their families; that before he left Peck, the tribe, 300 lodges, held a council, and decided to leave the Americans for ever; the camps divided into small parties and started north, to meet again on the British side of the line; that he was now waiting for them, and on their arrival a council would be held and a final decision made what they should do. I explained to them the law, and told them they must be careful and obey it; that if one act was committed against it I would take the person or persons out of camp prisoners; that I would hold the Chief responsible for the good behaviour of the camp.

The Yanktons, I believe, will return to Peck. At present they are going to move westward along White Mud River, and halt at timber about twenty miles east of east end of this mountain.

Finding good feed for horses at this timber, I left a look-out post in Tepee, of one acting constable and two sub-constables, with six horses, with instructions to notify me on the arrival of any Indians.

The Tetons had not decided whether they would follow the Yanktons or go to Wood Mountain and join "Black Moon." These Indians asked for ammunition, and I informed them they would be allowed to purchase sufficient to feed their families, but if I found that they sent one round of it across the line, I would put a stop to their getting it at once.

As soon as camp arrives at timber, I will give non-commissioned officer in charge the same instructions as those given to non-commissioned officer in charge of "Wood Mountain" party; that is, to examine trading outfits coming into camp, and if he finds ammunition in it, to ascertain if party has permit from me to take ammunition into camp, if not, for him to take charge of same and report to me at once.

If party has permit for him (non-com.), to see that ammunition is only sold in



small quantities and to satisfy himself before an Indian is permitted to purchase the second lot that the first has been consumed in procuring meat.

The Tetons report that it took them twenty-five days to make the trip from Powder River to where I saw them, that they were harassed by the troops until they got close to the Missouri which they crossed west of Peck, and were so closely pressed they could not hunt and were obliged to kill their horses for food; had lived on horse-flesh ten or fifteen days.

They claim that the Sioux are British Indians, that sixty-five years ago was the first their fathers knew of being under the Americans; their fathers were told at that time by a Chief of their "British Father" (it was a father they say they had at that time) that if they did not wish to live under the Americans; they could move northward, and there they would again find the land of the British. Why the "White Father" gave them and their country to the Americans they could not tell.

From childhood they were instructed by their fathers that properly they were children of the British; they were living with strangers but their home was to the North; that in their tribes can be seen the medals of their "White Father" given to their fathers for fighting the Americans, and although the British gave them and their country to the Americans they never made peace with them; that they always intended moving to the country of their fathers.

I informed them I would report their arrival to the "White Mother's" Great Chief in this country and for them to obey the words I gave them, and they and their families could sleep sound.

Constable McDoneli reports the Tetons in neighbourhood of Wood Mountain are conducting themselves very well. My opinion is they will obey the law of the country. War they appear to have had enough of. There is in every camp young men who are hard to manage and no doubt many among the Tetons will have to be watched; but I think the chiefs and old men will do their utmost to keep them in their proper place.

I have the honour to be, Sir,

Your very obedient servant,

(Signed,) J. M. WALSH,

*Inspector N.W.M.P., Fort Walsh.*

Lieut.-Col. A. G. IRVINE,

Assistant Commissioner,

North-West Mounted Police.

Fort MacLeod.

Forwarded for the information of The Honorable the Secretary of State.

A. G. IRVINE,

*Assistant Commissioner.*

FORT MACLEOD, 9th April, 1877.

NORTH-WEST MOUNTED POLICE,

HEADQUARTERS,

FORT MACLEOD, 13th April, 1877.

SIR,—I have the honour to report, for your information, that Inspector Walsh has returned to Cypress Hills, having established, as directed by the Commissioner, "look-out" posts at Wood Mountain and the eastern end of Cypress Hills. The posts consist of one constable and two sub-constables at each place.

Inspector Walsh states that he found the Indians all very peaceable, and on enquiry learnt that they were all behaving themselves remarkably well.

Inspector Walsh further states that he received a report that forty more lodges of Tetons and fifty Yanktons were expected shortly.

I have the honor to be, Sir,

Your obedient servant,

(Signed,) A. G. IRVINE,

*Assistant Commissioner.*

The Honorable R. W. Scott,  
Secretary of State, Ottawa.

(Telegram.)

FORT BENTON,  
MONTANA, 25th May, 1877.

To Hon. R. W. Scott,  
Ottawa.

Sitting Bull on Canadian side with one hundred and thirty five lodges, about sixty miles from Fort Walsh, peaceably inclined. I leave for Cypress in the morning.

(Signed,) A. G. IRVINE,

*Assistant Commissioner.*

FORT BENTON,  
MONTANA, May 23rd, 1877.

SIR,—I have the honour to report, for your information, that I have just learnt from Fort Walsh that Sitting Bull, with 135 lodges of hostile Sioux, have crossed to the Canadian side of the line, and are moving along the White Mud River. Inspector Walsh has had an interview with Sitting Bull, Bear's Head and several other Chiefs. They asked for ammunition, and Inspector Walsh informed them that they would be permitted to have sufficient to kill meat for their families, but cautioned them against sending any across the line.

They claim that their grandfathers were English, and that they had been raised on the fruit of English soil.

Inspector Walsh reports that he explained the law to them, and asked Sitting Bull if he could obey it. He replied that he had buried his arms on the American side of the line before crossing to the country of the White Mother; when he wanted to do wrong he would not commit it in the country of the White Mother, and that if in future he did anything wrong on the American side, he would not return to this country any more. He also said he had been fighting on the defensive; that he came to show us that he had not thrown this country away, and that his heart was always good, with the exception of such times as he saw an American.

Inspector Walsh further says that he is of opinion that Sitting Bull is of a revengeful disposition, and that if he could get the necessary support he would recross the line and make war on the Americans.

I am now on my way to visit the Blackfeet, who are in the Cypress Hills, and will endeavour to meet Sitting Bull and report to you fully.

I have the honour to be, Sir,

Your obedient servant,

(Signed,) A. G. IRVINE,

*Assistant Commissioner.*

The Hon. R. W. Scott,  
Secretary of State, Canada.

(Telegram.)

FORT WALSH, 6th June, 1877.

To Hon. R. W. Scott.

Have returned from Sitting Bull's camp; met an American priest there endeavouring to get him to return to the American Agency. He is afraid to return across the line; says he has come here where he can be safe and have peace. I report fully by mail; return to Fort MacLeod to-day; all well.

(Signed,) A. G. IRVINE.

DEPARTMENT OF THE SECRETARY OF STATE,  
NORTH-WEST MOUNTED POLICE BRANCH,  
OTTAWA, May 30th, 1877.

SIR,—I have the honour herewith to enclose a copy of a Report I have made to the Hon. Mr. Mackenzie, with reference to the Sioux Indians who have crossed over the Boundary Line into the North-West Territory, in accordance with instructions received from him in conversation a few days ago.

I have the honour to be, Sir,

Your obedient servant,

(Signed,) JAMES F. MACLEOD,

*Commissioner.*

The Hon. R. W. Scott,  
Secretary of State,  
Ottawa.

(Copy.)

OTTAWA, 30th May, 1877.

SIR,—In accordance with the instructions received from you during the conversation lately had with you, with reference to the Sioux Indians who have crossed over from the United States into the North-West Territories, I have the honour to make the following Report.

By letter dated 31st December last, I was informed by Inspector Walsh that one hundred and nine lodges of United States Sioux had crossed the line and were encamped at Wood Mountain, in the North-West Territories. Their numbers are estimated at about 500 men, 1,000 women, and 1,400 children, with 3,400 horses and 30 United States mules.

I find that by another letter from Inspector Walsh, dated March 15th, to the Assistant Commissioner and by him forwarded to the Honorable the Secretary of State, that another Band under "Four Horns" the Head Chief of the Tetons composed of fifty-seven lodges had crossed the Line, near White Mud River, about 120 miles east of Fort Walsh. It appears also that a Band of three hundred lodges of Yankton Sioux had started north from Fort Peck in small parties with the intention of crossing over into the North-West Territories, but that only a portion of them under "Medicine Bear" had really crossed.

Inspector Walsh has visited and had interviews with all the Bands that had crossed, and from his reports it would appear that they are all in a very poor condition, without ammunition forced to kill the buffalo with spears made of knives, and in some instances to kill their horses for food.

Inspector Walsh has granted permits for the purchase of a limited amount of ammunition, and "look-out" parties have been placed in convenient positions to prevent the sale of ammunition to these Indians without permit, and to give information as to their movements.

By an official telegram dated at Fort Benton, 27th May, I have been informed that Sitting Bull, with a band of 135 lodges and about sixty mules, had crossed the boundary line, and was now in Canadian territory sixty miles from Fort Walsh.

I am of opinion that the presence of these United States Sioux in our territory is a matter of very grave importance. There is not much reliance to be placed upon their promises, and they have not been on friendly terms with the Blackfeet or Crees for years back. The Blackfeet I know are anxious about the invasion of their country. They say that before our arrival they were always able to keep them out, but that they now wish to be friends, so long as they keep away. While at Swan River I heard that the Crees were very suspicious of the Sioux who had crossed the line. I think, therefore, that an attempt should be made at once to get these Indians—who are now in a very impoverished condition—to recross to the United States side. The longer it is delayed the more difficult it will be to accomplish.

I believe the United States Government have set apart large reserves for these Indians, and have made very liberal appropriations for their support.

I would respectfully suggest that communication be opened up with the United States Government to ascertain upon what terms they would receive them back, and I fancy that they would only be too glad to have them return, as their presence—so near the boundary—cannot but be a source of continual anxiety and trouble, and it would be impossible for the police to keep them in check over such an extended frontier; that the Indians be then told of the terms of the United States Government; that they cannot be recognised as British Indians; that no reserves will be set apart for them, and no provisions made for their maintenance by our Government; that by remaining on our side they will forfeit any claim they have on the United States, and that after a few years their only resource of support—the buffalo—will have failed, and they will find themselves in a much worse position than they are at present.

I do not think I am too sanguine in expecting that this course will remove the difficulty which at present appears likely to lead to a good deal of trouble.

I have the honour to be, Sir,

Your obedient servant,

(Signed,) JAMES F. MACLEOD,

*Commissioner.*

The Hon.

ALEXANDER MACKENZIE,

Ottawa.

FORT WALSH, 6th June, 1877.

SIR,—I have the honour to state, for your information, that I arrived from Benton at this post on the evening of 29th ultimo, and that shortly after my arrival six young warriors from Sitting Bull's camp came to report that three Americans had arrived, and were then in their camp. On the morning of the 31st I started, accompanied by Inspector Walsh and Sub-Inspectors Clark and Allen, to visit Sitting Bull. I found his camp at a place called the Holes, an old battle ground of the Crees and Saulteaux, about 140 miles due east from here, on the plains shewn on the map as Buffalo Plains. Sitting Bull's camp was composed of about 150 lodges, and close to his camp there were about 100 lodges of Yanktons, another branch of the Sioux Nation.

Shortly after my arrival Sitting Bull with his head men came down and shook hands with us all, and said the council lodge was being erected.

I was particularly struck with Sitting Bull. He is a man of somewhat short stature, but with a pleasant face, a mouth showing great determination, and a fine high forehead. When he smiled, which he often did, his face brightened up wonderfully. I should say he is a man of about forty-five years of age. The warriors who came with him were all men of immense height and very muscular.

About an hour after my arrival I went to the council tent, which had been erected for the occasion, and listened to all the speeches they had to make.

It appeared to me from the tenor of what they all said, that they felt very bitter at being followed by the three Americans, who were then in their camp, and who they sent to the Fort about. Sitting Bull declared he had no wish to fight the Americans, but they had come after him on all sides, taken his horses, land and money, and that he had been obliged to fight. He also says he will not go back to the other side, as he knows they would take all he had, and destroy all his people. He had come to this country to find peace, and he wished to live in peace; he wanted to trade the buffalo, and that's all he wanted. When talking to the Priest, one of the three Americans, he spoke as a man who knew his subject well, and who had thoroughly weighed it over before speaking. He believes no one from the other side and he said so. His speech showed him to be a man of wonderful capability. I was much impressed, by the way, when asked by the Priest whether he was going to return or remain; before answering he turned to me and asked "Will the White Mother protect us if we remain here?" On receiving an affirmative reply, he answered "What should I return for? To have my horses and arms taken away? What have the Americans to give me; they have no land? \* \* \* I have come to remain with the White Mother's children."

The ceremony at the opening of the Council was very impressive. After the peace smoke was concluded, the ashes were taken out and solemnly buried, the pipe taken to pieces and placed over the spot.

After this Council was over, I went to meet the Catholic Priest, the Rev. Abbott Martin, who showed me letters from General Ewing, Catholic Commissioner at Washington, and Commissioner J. J. Smith, office of Indian Affairs, Washington. He was accompanied by General Miles' head scout as guide and interpreter. This gentleman had started expecting to find Sitting Bull on the other side, and had followed the trail.

He informed me he simply came to endeavour to get the Tetons back to the Agency and tell them the terms. The scout stated he had come to try and find out from Major Walsh whether Sitting Bull was going to return, and had taken advantage of the Priest to come under his protection.

This is doubtful, I think, as he said a letter from General Miles to Walsh he didn't bring, as he was afraid.

If Inspector Walsh, in his first interview with Sitting Bull, had not told him to send to him if any one come into his camp, there is but little doubt but that the scout and interpreter would have been shot. Sitting Bull almost said as much. The Priest, of course, would have been safe. Several warriors knew the scout, and what he was.

I consider Sitting Bull's action in this matter indicative of his future conduct. He kept the three men in his camp till we came.

They were five months travelling from the Yellowstone, and lost all their lodges by a sudden rising of the Missouri the day after they crossed. Poor people! had they been one day later at that river, few of the men, women or babes I saw at their camp would have been alive to-day to tell their story, for troops were marching up the south side of the Missouri, and "kill all who talk" are their usual orders in Indian warfare.

They all seemed greatly relieved on my assuring them that they would be protected while on this side, and that White men and Indians were punished alike when they did wrong.

I remained in camp all night, and the Indian heart indeed appeared glad. I never saw a happier lot of people. My interpreter said it was the happiest night they had spent for many a weary month.

I might add that I was somewhat surprised at receiving a visit in my tent from Sitting Bull, after eleven at night. He sat on my bed until an early hour in the morning, telling me in a subdued tone his many grievances against the "Long Knives."

I have but little doubt of his future conduct if he remains here, which he assuredly will.

I forward a verbatim report of what took place at the Council, taken down by Sub-Inspector Clark.

I have the honour to be, Sir,

Your obedient servant,

(Signed,) A. G. IRVINE,

Assistant Commissioner,

The Hon. R. W. SCOTT,

Secretary of State.

*Council held June 2nd 1877, at the Teton or Sitting Bull's Camp.*

**PRESENT:**—Lieut.-Col. Irvine, Inspector Walsh, Sub-Inspector Clark, and Sub-Inspector Allen.

Sitting Bull had around him Pretty Bear, Bear's Cap, The Eagle sitting down, Spotted Eagle, Sweet Bird, Miracongae, &c., &c.; and in the Council Lodge there must have been some hundred men, women and children.

Inspector Walsh informed Sitting Bull and the Chiefs that Lieut.-Col. Irvine was the highest chief of the Great Mother at present in the country, and that he had now come to their camp to hear what they had to say to him, and to learn for what purpose the three Americans who at present were in the camp had come from American to Canadian territory to their camp.

*Sitting Bull:*—Those Americans are not going to stay.

*Inspector Walsh:*—The Chief will speak about that afterwards.

*Pretty Bear,* who is a chief, not a soldier now, opened the council with the following prayer:—God Almighty look down on me. Look on me my grandfather (meaning grandfather's spirit)—(here all the chiefs and soldiers held their hands aloft.) My grandfather look on me; see the course. I am going to raise after this (hands up again). Look on me, I am nothing now; have pity on me (hands up and *gesture*). My grandfather, you raised me to eat buffalo meat, to be strong; I am nothing now. (Here, Pretty Bear, points the great peace pipe, which he holds aloft all through the prayer.) To the south, thunder, war, is my relation; west, they want me to be friends; north, they want me to be friends; east—(Interpreter could not catch what he said with reference to the east.) My Mother take the pipe. Understand, my Mother, we are going to be raised in this ground; take hold of this pipe strong. My Mother wants me to smoke; we will all smoke. My Mother, make this land to be full of plenty, and the land good (peace). We are going to make, and raise, and finish. I hope that they will never fail. I am going to light the pipe straight (with truth).

The pipe was here lighted with buffalo chip a match being refused, the match being considered to be deception. Sitting Bull taking the pipe pointed it to the four quarters, and handed it to the Great Chief, holding the end himself and saying: "My grandfather have pity on me; we are going to be raised with a new people." All the officers smoked and also the others of the party. This is their strongest oath.

*Sitting Bull* :—I don't know anything that I can say any other way ; and my God Almighty we are going to raise another people, and that is what I am going to speak about. We are going to raise in the North with the British. God Almighty has raised us, and God Almighty says that we are going to raise with the British without throwing away anything (honestly). I came here to hunt nothing bad. My grandfather said we must shake hands with the British ; to-day I see it all. Anything that is bad I came here to let my Mother know it. My grandfather made us shake hands with the Long Knives (Americans), and we have done it since I was in my mother's womb ; I was in my mother's womb 10 moons. I have been looking all the time south—something bad happened there. God Almighty raised me strong. All the rivers run down to our Mother, and He sees it. The heads of all creeks the Americans have nothing to do with. My grandfather raised me in a long blanket ; God Almighty raised me in four parts of a blanket strong. My grandfather said he would raise me with a big body and heart ; my heart was good. The Americans always ran behind me, and that is the reason I came this way. God Almighty our father said the Long Knives would raise me and then fight me ; God Almighty stopped him, so the Americans have buffalo and trade. Our grandfather said what the ground produced raised me and you. The Americans gave us flour in every direction ; I said hold on, we want bull's meat. God Almighty. My grandfather, if I had done what the Americans told me I would have been no one to-day. All the women were going to raise children. If we had remained with the Americans we would have been nothing.

I came to see the English, where we are going to raise a new life. There are still some of us behind yet. On the American side I saw they were running us in every direction. That is the reason I came to see you. When I left the other side, my grandfather told me that this was the place to come to. The Americans gave us flour—no powder and ball. I saw we were all going to be destroyed. My grandfather will shake hands with us. We had always powder and ball. I am here a good many days, but have seen none yet. The buffalo are around us. I am here with my children looking towards the fort (Walsh). My comrade, we are the same now—help one another. I am glad. Anything I can't do I will ask you (Walsh) for help. You told me if any one came into camp "Let me know." Some Americans came. I did let you know. The war on the other side did not send me. I crossed here to let my Mother know it. God Almighty told me. God Almighty makes horses. He raised me on horseback. Now I see it. The Americans did not teach me to get on a horse. I know it. When I had plenty of horses, the Americans wanted all my horses, that is the reason I came to let you know it. The Americans who came here asked for my gun and horse, and then they would take care of me well. I then told my young men to tell you (Walsh). They camped close to the Yanktons ; the Yanktons sent to let me know. God raised me with a good heart. Then the Americans treated me bad. They asked for all my arms, and I came to let my Grandmother know it.

The Americans who came here asked me if I threw our land away. I told him God did not tell me to. "Crazy Horse" is still holding it. He is looking at me to see if it is good here. I am through.

*Sweet Bird (Misacongae)* :—The Black Hills is the heart of the people ; for forty years I was there. I listen to the Grandmother's advice what she says. Anything wrong I put aside. I came here with a good heart. I came here to see the Mother, to the White Mother's trader who reads and writes, where there is plenty of ball and powder. The Americans, it's only them that did anything wrong with me. Since we came, some Americans came behind us to see where we are. My Mother, what she thinks and says I have come to listen to.

*Spotted Eagle (Zonzae)* :—God Almighty raised me. I am going to talk a little. I was raised on the American side. The Americans ran us every way. Our land on the other side I did not give away. What these three Americans wanted us to do, I did not want to do. My grandfather raised me with a buffalo robe. God told me so, and that is what I want. From here to the sea the streams go. You thought I did

not know. God raised you and me, and what I have I keep it. My grandfater makes me think about it. When we shake hands thus (shakes hands), we trade. That's what we came to do.

On the other side Americans destroyed all the trading posts. God told me to trade robes. The Americans destroyed what the ground raised (burnt the grass). I came to this country. God Almighty told me there was a trader north, and I came to see him. I came to shake hands with him who shakes hands with me first. When I came here to shake hands with the English, the Americans followed me to shake hands. I don't want that. What the Americans do won't raise me and my children. All my relations and friends the Americans are running every way. I came to tell my Mother they try to do all bad to me. I have nothing bad towards them. God bears me what I say. I come to hunt nothing bad, but what is good and to raise my family. The Americans who use us so bad had come after us, so we sent to you, and thought you could bring them in here before us. I saw the road (the boundary line), and I sent to tell you I was here.

*Lieut-Colonel Irvine*.—You are in the Queen's, the Great Mother's country. Major Walsh has explained the law of the land which belongs to the Great White Mother. As long as you remain in the land of the Great White Mother, you must obey her laws. As long as you behave yourselves you have nothing to fear. The Great White Mother, the Queen, takes care of everyone in her land in every part of the world.

Now that you are in the Queen's land you must not cross the line to fight the Americans and return to this country. We will allow you enough ammunition to hunt buffalo for food, but not one round of that ammunition is to be used against White men or Indians.

In the Queen's land we all live like one family. If a White man or Indian does wrong he is punished. The Queen's arm is very strong, and if any of her children do wrong she will get them and punish them. If anyone comes into your camp like those Americans did, come to the Fort and tell Major Walsh. You are quite right, and I am glad you did send your young men to tell Major Walsh about these men. As soon as your young men arrived at the Fort, we started, and I came here to see you and shake hands. I will go to see those Americans and find out what they are doing here, and will take them out of the camp with me. I am glad you are looking for peace and behaving yourselves here. We will protect you against all harm, and you must not hurt anyone this side of the line. You were quite right not to hurt the Americans who came here and to send to Major Walsh. You need not be alarmed. The Americans cannot cross the line after you. You and your families can sleep sound and need not be afraid.

*Sitting Bull* then repeated what the Roman Catholic Priest had said to him before we arrived.

*The Priest*.—"I come with the words of God. I have been waiting a long time. I am going to say a few words and go. I did not come here for anything bad. I want you to live, that is why I came here, that is what God told me to come and tell you. The English, may be, won't have you. What I tell you, if you listen to me, will be well. If you come with all your people, and the Yanktons, and give up your arms without asking (surrender) the American hearts will be glad. If you come on the other side they may surround you, that no one may run off a horse. If you don't do that you will live very bad. If you do that you will live well on the other side. You think you are going to live on this side. You will get smaller and smaller and die. If you come on the other side I will try and get a few number of your horses. If you come you will live well; here you won't. Try to do what I tell you. If you live on this side I want to know if you throw your land on the other side away. I give you that (a Roman Catholic medal) for fear that bad White men may do wrong—that will raise you up. When White man's child is lost his heart is bad; with that he is raised."

*Sitting Bull*.—What am I going there for? For the Americans to come after me again? My God will give me prosperity (plenty of beef.) I have only two



friends—the English and Spaniards. If you had not told me to let you know if any one came into my camp I would not know what to have done.

*Pretty Bear* :—You are soldiers : I am no soldier ; I am a Chief. My grandfather raised me a Chief, and I am so to this day. I was raised without anything bad. God raised me to hunt nothing bad. What arms we have, what arrows we have, the Long Knives want, and we say altogether, Our Grandmother has the ground raising good. I come to look.

Since I came here I told the young men to put their guns behind them. I came to see the Chief, and I told the young men to put their arms on the ground. I suppose these Americans will go back and say what takes place here, and I will listen for anything good. I only see on this ground the blood of buffalo, and that is the only blood I want to see. On the the American side I never knew I wanted to steal or do wrong. God who raised me loves me, and raised me well. The Americans kept stealing from one side to the other.

This day you must think our hearts are glad. If you send the Americans away the buffalo will raise from the ground, and my heart will be glad. The Americans I don't want to fight. If we would see each other like friends I would be glad.

*Lieut.-Col. Irvine* :—If you have nothing else to say, I will go and see the Americans and find what they want.

The Council met a second time during the afternoon of the 2nd June, when the Reverend Father Abbot Martin (one of the three Americans), with his interpreter, was present. This second Council was held at the wish of Sitting Bull.

*Lieut.-Col. Irvine* :—This father has told me that he has come to see what you intend to do—to remain here, or to return to the American side.

After the same prayer as said before by *Pretty Bear*, and the pipe of peace being smoked by *Sitting Bull* and the Father, with the following spoken by *Sitting Bull* when the Father smoked:—"God Almighty look at me. I never smoke with Whitemen ; now I smoke with this man and he smokes with me. If there is any lie between us, may all men know it."

*Sitting Bull* spoke:—"O God, remember this is the land I was brought up on, me and a woman. That is the reason I came back ; I was brought up here. God brought up things from the ground for my children. I was brought where God made food for me. I sit on the ground and hold it strong now. When my grandfather lived I came back. Listen to me. Look into my eyes. Look straight at me. You pray to God. God sent you to me. Do you know what you tell me is going to be so? You come with the thinking of God. It's a good day that you sit with me. Where are you from? Under the ground? Do you know the cause of the war? You ask me if I am going to return to your country. It's impossible for me to go back. God never told the Americans to come to the head of the Missouri. We were raised on this side of the sea. You were raised on the other side. The Great Spirit told me that at the same time he brought me up in a great blanket. On both sides of America there are only two blankets left to cover me. God made me big enough. I know because his Great Mother covers me. My heart was made strong, but now really it is weak, and that's why the Americans want to lick my blood. My heart has been big and sweet, and although the long knives wanted to lick it, I took pity on a good many of them. God raised me on the face of the earth. Why do the Americans want to drive me?—because they want only Americans to be there. God made me leader of the people. God did not tell me to fight the Americans, and that is why I left. God is looking at me now, and you know it. If he has a treaty to sign, no one can destroy but by God's will. God told me if any one came from the east, to eat with him just the same. It is no use. God made me leader of the people, and that's why I am following the buffalo. God told me, if you do anything wrong your people will be destroyed, and that's why I came here. I was afraid. Look at me. See if anything wrong sticks to my body. I never told what my grandfather said before, but I am doing so now. You told me you came as the messenger of God. What you told me was not good for me. Look up, you will see God. Look up as I am looking. You came and tell me, as God's messenger, what to do, but I don't

believe it. I have nothing but my hand to fight the White men with. I don't believe the Americans ever saw God, and that is the reason they don't listen to me. You know, as the messenger of God, that they tried to kill me. Why did you wait till half my people were killed before you came? I told the Americans to keep off my land. I only want the buffalo to bring to you. Do you think it's the will of God to have some of His people under your arms, so that you can laugh at them? You are waiting for my people to come to your land so that the Long Knives may rush at them and kill them. If you want to make a treaty, give us back our horses. God made all Indians out of one Indian, and He came to smoke with the old Indians and make peace. The Great Spirit looks at me every day, and after this talk if there is any wrong it will be against me. Are you here to ask me if I am going to throw my land away? I never thought of giving my land to the American people, and still you follow me to bring something wrong to me. My grandfather told me to trade, and that's what I want; that's what I came for. I came here to hear from my White Mother, and why, if I go back to the Americans, are they going to take all my stock away? Did God or the Queen ask you to tell me to give all my stock to the Long knives? God raised me on horseback to make my living. Did God tell you to come and make me poor? After this, when you go back I hope you will bring nothing wrong to me. I never tried to do anything wrong to the White men. My body is clean. I never saw the road (the line) before, but I came on till I got to this side of it. I only think of two people, the English and Spanish. I am between them. The Americans tried to cut me up, and that's why I talk to the Chief there and to you. I did not come to laugh, but for good. I am afraid of the cross you spoke of. If you will use your influence with the President to send back the bad men to where they came from and leave the good men, there will be peace.

I want to know if the Chief was sent by the White Mother and if she will protect me. If any hungry child comes to my lodge I will feed him, make him comfortable and let him go to his business.

*The Father*:—I do not come to give any advice at all; if you remain here it is all right; if you come to America you will have to give up your arms and horses.

*Sitting Bull*:—The thing you told me is not here; tell me to-day what you said yesterday.

*The Father*:—I don't want you to come back, but if you wish to come I would try and make it as easy as possible.

*Sitting Bull*:—It is not the same as yesterday to-day what you said; I have told the Chief here what you told me yesterday.

*The Father*:—After hearing all this talk and what these British officers say I would think you were better on British soil. If you wish to come back, I pledge my life that your lives and liberties will be safe. You will not be killed or made prisoners.

*Spotted Eagle*:—Have the Long Knives on the other side talked it over and sent you here?

*The Father*:—I am not sent by the Government, but I am assured that what I promise will be carried out. Do you intend to return to the other side or remain?

*Sitting Bull* (Turning to Col. Irvine):—If I remain here will you protect me?

*Lieut.-Col. Irvine*:—I told you the White Mother would, as long as you behave yourself.

*Sitting Bull*:—What would I return for? To have my horses and arms taken away? What have the Americans to give me? They have no lands. Once I was rich, plenty of money, but the Americans stole it all in the Black Hills. I have come to remain with the White Mother's children.

I certify that this is a true copy of what I took down from the Interpreter.

E. DALRYMPLE CLARK,

*Sub-Inspector and Adjutant.*

*Note*.—"God Almighty my Grandfather," sometimes meant the "Spirit of his (Sitting Bull's) grandfather," sometimes the "Creator." Grandfather also meant the President.

OTTAWA, 14th August, 1877.

SIR,—I am instructed by the Hon. the Secretary of State to acknowledge the receipt of your letter of the 6th June, and to say that he has read with great interest the detailed account therewith transmitted of your interview with Sitting Bull and other Indian Chiefs.

He apprehends that the accession of such considerable Bands of Indians will be attended with embarrassing consequences, and it would be unwise to lead them to believe that they will be allowed permanent residence or treated as Canadian Indians:

While assuring them of temporary protection they should be informed that the policy to be observed towards them must depend entirely upon the decision of the Government at Ottawa.

Lieut.-Col. MacLeod has no doubt, ere this, informed you more fully of the views of the Government in the matter.

I have the honour to be, Sir,

Your obedient servant,

(Signed,) FRED. WHITE.

Major IRVINE,

Assistant Commissioner, N.W.M. Police.

(Telegram.)

OTTAWA, 15th Aug., 1877.

Lieut.-Col. MACLEOD,

care I. G. BAKER & Co.,

Fort Benton, Montana:

Important that Sitting Bull and other United States Indians should be induced to return to reservations. United States Government have sent Commissioners to treat with them. Co-operate with Commissioners, but do not unduly press Indians.

Our action should be persuasive, not compulsory.

Commissioners will probably reach Benton about twenty-fifth instant. Arrange to meet them there. Reply.

(Signed,)

R. W. SCOTT,

Secretary of State.

OTTAWA, 24th Aug., 1877.

SIR,—The Government of the United States have appointed General McNeill, of the City of St. Louis, and General Terry, who is in active service in the Federal Army, Commissioners to negotiate with Sitting Bull, and others of his Band, with a view to inducing them to return to the United States.

I informed the United States Government, during my visit to Washington, that should they decide to send these Commissioners, you, or some other officer of the Police Force in the North-West, would meet them at the boundary with a suitable escort, accompany them to the Sioux lodges, and afford them all possible protection while they remained on Canadian territory.

The Government are most anxious that the United States Commissioners should succeed in inducing the hostile Sioux who have come into our territory to return again to the United States. It is feared that, should they remain in Canada, they

will be drawn into hostile conflicts with our own Indians; that in going upon the hunting grounds of the Blackfeet, Assiniboines or Crees, they will excite the opposition and resentment of these tribes; and that ultimately, from a failure of the means of subsistence and from other causes, they will become a very considerable expense to the Government of Canada. It is not at all improbable they may also be disposed to make hostile incursions into the United States, and in this way become a source of international trouble. These Indians, while engaged in hostilities with the United States, were reported to be guilty of acts of such barbarous cruelty that, should they again return for the purpose of scalping women and children, their conduct could not fail to excite the indignation of the Government and people of the United States against this country. It is therefore important that you should use your influence to promote, so far as you well can, the object of the United States Commissioners in securing the return of those Indians to their own reservations.

Should you, at the time the Commissioners visit Canada, be engaged in the negotiation of treaties with the Blackfeet and other Indians of our own country, you can appoint Major Walsh or Major Irvine to take command.

I have the honour to be, Sir,

Your obedient Servant,

(Signed,) DAVID MILLS,

*Minister of the Interior.*

Lt.-Col. J. F. MacLeod, C.M.G.,  
Commissioner, N.-W. Mounted Police,  
Fort MacLeod.

*Mr. Plunkett to the Deputy Governor.*

No. 68.

WASHINGTON, 13th September, 1877.

SIR,—I had the honour to forward to you yesterday afternoon the following telegram:—

American Commissioners go to Fort Benton, *via* Union Pacific Railroad and the Montana Stage Line. They request Canadian escort to meet them at the point where the usually travelled road from Fort Benton to Fort Walsh crosses the boundary. If the Indians accept terms it is desirable to bring them back as early as possible, and it would save much time if you could induce Sitting Bull, his Chiefs and head men, to meet the Commission at Fort Walsh.

Commissioners reach the boundary on the 29th or 30th inst.

I beg now to enclose, for such action as you may deem proper and possible, copy of the note from Mr. Seward on which my telegram was founded.

I have, &c.,

(Signed,) F. R. PLUNKETT.

The Deputy Governor,  
Canada.

*Mr. Seward to Mr. Plunkett.*

DEPARTMENT OF STATE,  
WASHINGTON, 12th September, 1877.

MY DEAR MR. PLUNKETT,—I take pleasure in herewith enclosing to you a copy of a telegram from General A. H. Terry, of the United States Army, which has just been received from the Secretary of War, in regard to the organization and further movements of the Commission to Sitting Bull. I would be gratified to have the wishes of the Commission, as expressed in the telegram, complied with so far as may be practicable.

I am, &c.,  
(Signed,) F. W. SEWARD.

The Honourable  
F. R. PLUNKETT,  
&c., &c., &c.

ST. PAUL, MINNESOTA,  
11th September, 1877.

The commission to meet Sitting Bull organized here to-day. It has determined, in order to save time, to go to Fort Benton *via* the Union Pacific Railroad, and the Montana Stage Line. I am directed by the Commission to request that the Dominion authorities be notified that the commission desire to meet the escort which they will furnish at the point where the usually travelled road from Fort Benton to Fort Walsh crosses the boundary. I am also directed to suggest that the Canadian authorities should be asked to induce Sitting Bull and his Chiefs and headmen to come to Fort Walsh to meet the Commission. The object of this last suggestion is to save time.

It has been recently reported that the Indians are one hundred and twenty miles beyond Fort Walsh. If this be true, to reach their present camp would involve six hundred miles travel, going from and returning to Fort Benton, a march which would consume nearly twenty-five days. If the Indians should accept the terms offered them, it would be extremely desirable on many accounts to bring them in as early as possible. We shall expect to reach the boundary on the twenty-ninth or thirtieth.

(Signed,) ALFRED H. TERRY.  
*Brigadier-General.*

Hon. Secretary of War,  
Washington, D. C.

(Telegram.)

OTTAWA, 13th September, 1877.

Lieut.-Col. MACLEOD,  
Care I. G. BAKER & Co.,  
Fort Benton, Montana :

Meet United States Commission appointed to confer with Sitting Bull, with escort of Mounted Police at boundary, where road from Benton to Fort Walsh crosses, on twenty-ninth September.

It would facilitate communication if Sitting Bull and other Chiefs and head men would meet the Commission at Fort Walsh. Reply.

(Signed) R. W. SCOTT,  
*Secretary of State.*

## NORTH-WEST MOUNTED POLICE,

HEADQUARTERS, FORT MACLEOD, 31st Oct., 1877.

SIR,—I have the honour to enclose herewith a copy of a letter I have written to The Honorable the Minister of the Interior, reporting the action I have taken upon his letters of instruction to me with reference to the Sitting Bull Commission, and the cypher telegrams I have received from yourself.

I am happy to inform you that after a ride of 700 miles, I have been lucky enough to bring all the horses I took with me back, not much the worse for their trip.

I have the honour to be, Sir,

Your obedient servant,

(Signed) JAMES L. MACLEOD,

*Commissioner.*

The Hon. R. W. Scott,  
Secretary of State, Ottawa,  
Canada.

## NORTH-WEST MOUNTED POLICE HEADQUARTERS,

FORT MACLEOD, Oct. 27th, 1877.

SIR,—I have the honour to inform you that pursuant to instructions contained in your letters of the 20th and 24th August, together with Mr. Meredith's letter of the 28th of the same month, which I received the mail before the others, I proceeded, immediately after the conclusion of the Treaty with the Blackfeet, direct across the country to Cypress Hills to meet the Sitting Bull Commission. Upon my arrival there I found that the Commissioners were expected at the frontier on the 6th, and that Inspector Walsh had gone to Sitting Bull's camp to try and induce him and the other Sioux Chiefs to come to Fort Walsh to meet the Commissioners. I remained at Fort Walsh for two days, awaiting the arrival of the Commissioners, when I received a letter from General Terry, saying that they were detained at Benton as their escort was engaged in conveying supplies to General Miles, who was at the time engaged with the Nez Perce Indians. I at once started for Sitting Bull's camp, but after proceeding to the foot of the mountain, about sixty miles from Fort Walsh, I met Inspector Walsh on his way back with Sitting Bull, and about twenty of his people. Walsh reported to me, that he had great difficulty in inducing them to leave their camp, and that they were continually stopping to smoke and reconsider their decision to come. The fact that about 100 Nez Percés men, women and children, wounded and bleeding, who had escaped from the United States troops, had come in to their camp the day before they had left, appeared to have a great effect upon them; and they were evidently afraid that the American soldiers would not be prevented from crossing the line to attack them. In the morning before starting I had a "talk" with them, when I told them, amongst other things, that they need have no fear of the Americans, that when they had passed that line there was a wall raised up behind them that their enemies dared not cross, and that as long as they behaved themselves they might rest satisfied they would be protected. They appeared to be re-assured, and we had no further difficulty during the two days we were on our way to Fort Walsh, but upon our arrival there they refused to enter the Fort. Sitting Bull saying, that he had never been in a Fort, and that he would rather camp outside. However, upon my giving him my word that there were no Americans inside, and getting all our men outside the gate to shake hands, he at last consented, and told me how he believed everything I had told him. That evening I got a letter from General

Terry, informing me that the Commission would soon start from Benton, and they hoped to be at the line about the fourteenth. I at once started for the Boundary with the escort, and on the evening of the fifteenth met the Commission, composed of Generals Terry and Lawrence; Secretary, Colonel Corbin; Aide to General Terry, Colonel Smith, together with several newspaper correspondents, who accompanied them. We at once started North, and reached Fort Walsh the next evening at sundown. Inspector Walsh reported to me upon my arrival, that he had great difficulty in getting the Indians to remain; they said they had come up, as they understood the Queen had desired them to come, but that there was no use their seeing the Americans, as they could not believe anything they said; that no matter what terms were offered they would not accept them, as they had no confidence whatever in the promises of the Americans generally.

The conference took place on the afternoon of the 17th. There was a doubt at first as to whether the Indians would shake hands with the Commissioners as is usual before commencing a "talk" but that was soon settled by the entrance of "Sitting Bull" who shook hands warmly with me, and then passed the Commissioners in the most disdainful manner. They all listened in silence to General Terry, while he made known to them the desire of the American Government that they should return, and the terms offered; but it was evident from their manner and the tone of their speeches in reply, that they had come determined to believe nothing that was told them. The terms offered were the same as your letter of the 20th August had led me to expect, viz.: the surrender of their arms and horses, in fact terms identical with those which had been granted to the Bands who had surrendered to the American troops. I do not think it is to be wondered at that the fear expressed in your letter has been realized, and that the Sioux have rejected the terms proffered. Enclosed I beg leave to send you a statement of the proceedings at the interview.

After it was over I had a private conference with the Indians with the object of setting before them the position they stood in with reference to both the American and Canadian Governments, and of obtaining from them the information indicated in your letter of the 20th August.

Enclosed I also send you a statement of that interview. From this it will be seen that they claim to have been driven off their land by the Americans, who, they say, were always the aggressors and never kept any promise made to them. It is almost impossible to procure from Indians any distinct statement of facts, they always deal in generalities, and although during my interview with them I was continually trying to keep them to the points I wanted information upon, I could get no more satisfactory statement of their grievances than the one enclosed.

It is a matter of common notoriety all through this western country, that the Indians are systematically cheated and robbed by the agents and contractors; the former on a salary of \$1,500 a year, have many of them been known to retire with fortunes after two or three years incumbency of their offices. The Indians know of these scandals, and as a consequence have lost all faith in the Government under which such frauds are perpetrated.

I think the principal cause of the difficulties which are continually embroiling the American Government in trouble with the Indians, is the manner in which they are treated by the swarms of adventurers who have scattered themselves all over the Indian country in search of minerals before any treaty is made giving up the title. These men always look upon the Indians as their natural enemies, and it is their rule to shoot at them if they approach after being warned off. I was actually asked the other day by an American who has settled here, if we had the same law here as on the other side, and if he was justified in shooting any Indian who approached his camp after being warned not to advance. I am satisfied that such a rule is not necessary in dealing fairly with the worst of Indians, and that any necessity there might be for its adoption arose from the illegal intrusion and wrong doings of the Whites.

I have instructed Inspector Walsh to endeavour to find out from the Nez Percés who have managed to cross into our territory, what they have to complain of in the

treatment of the Americans. \* \* \* \* \*

I communicated to the Commissioners the substance of my interview with the Sioux, as far as it related to their position as refugees from the other side. I enclose a copy of my letter, and

I have the honour to be, Sir,

Your obedient servant,

(Signed,) JAMES F. MACLEOD

*Commissioner.*

The Honourable DAVID MILLS,  
Minister of the Interior,  
Ottawa:

THE SITTING BULL COMMISSION,  
FORT WALSH, N.W.T., 17th Oct., 1877.

The Commission met at 3 o'clock p.m.

The following Chiefs were present: Sitting Bull, Bear's Cap, Spotted Eagle, Flying Bird, Whirlwind Bear, Medicine Twinround, Iron Dog, Bears that Scatters The Crow, Little Knife and Yellow Dog, and about twelve minor Chiefs.

The Chiefs having taken their seats on the floor in front of the Commissioners' table, requested that all outsiders be excluded from the meeting and the table between them and the Commissioners removed, both of these wishes being acceded to, General Terry then proceeded to read the President's "Message" to them as follows (or as nearly as the writer could take it down) viz. —

We are sent to you as a Commission by the President of the United States, at the request of the Government of the Dominion of Canada, to meet you here to-day. The President has instructed us to say to you that he desires to make a lasting peace with you and your people. He desires that all hostilities shall cease, and that all shall live together in harmony. He wishes this not only for the sake of the Whites alone but for your sakes too. He has instructed us to say that if you return to your country and refrain from further hostilities, a full pardon will be granted to you and your people for all acts committed in the past, and that, no matter what these acts have been, no attempt will be made to punish you or any of your people; what is past shall be forgotten and you will be received in as friendly terms as other Indians have been received. We will explain to you what the President intends to say when he says you will be treated the same as other Indians who have surrendered. Of all the Bands who were hostile to the United States your Band is the only one not surrendered, every other Band has come into their Agencies. Of these Bands that have come in not a single man has been punished, every man, woman and child has been received as a friend, and all have received the food and clothing supplied for their use. Every one of you will be treated in the same manner. It is true that these Indians have been required to give up their horses and arms, but part of these have been sold and whatever money has been received for them will be expended for their benefit. Already 650 cows have been purchased for the use of the Indians on the Missouri River. If you abandon your present mode of life the same terms are offered to you.

The President cannot nor will not consent to your returning to your country prepared for war. He cannot consent to your returning prepared to inflict the injuries you have done as in the past. He invites you to come to the boundary of this country and give up your arms and ammunition and go to the Agencies assigned for you, and give up your horses except those required for peace purposes.



Your arms and horses will be sold, and and cows bought, with which you can raise herds to supply you and your children long after the game has disappeared. In the mean time you will receive clothes and provisions the same as the other Indians have received. We have come many hundreds of miles to bring you this message; we have told you before that it is our desire that we should all live in peace; too much White and Indian blood has already been shed, and it is time that bloodshed should cease. Of one thing, however, it is our duty to inform you, that you cannot return to your country or your people with arms and ammunition in your possession, and should you attempt to do so you will be treated as enemies of the United States. We ask you to carefully consider what we have told you, and take time and weigh the matter well, and when you have done so we shall be glad to meet you and await your answer.

*Sitting Bull* said:—For 64 years you have kept and treated my people bad; what have we done that caused us to depart from our country? We could go nowhere, so we have taken refuge here. On this side of the line I first learned to shoot; for that reason I come again; I kept going round, and was compelled to leave and come here; I was raised with the Red River Half-breeds, and for that reason I shake hands with the people (Col. MacLeod and Major Walsh). In this way I was raised. We did not give you our country; you took it from us; see how I live with these people (the Police); look at these eyes and ears; you think me a fool, but you are a greater fool than I am; this is a Medicine House; you come to tell us stories, and we do not want to hear them; I will not say any more; you can go back home; that's enough—say no more. I shake hands with these people; that part of the country we came from belonged to us, and you took it from us, now we live here.

*Runs the Roe* said:—Look at me; seven years in this country, and raise my people in peace. For 64 years you treated us bad; don't like you at all; you came here to tell us lies; I shake hands with the Police in peace. These people (meaning the British) learned us to shoot for the first time; we did not give our country to you; you stole it away from us; you come here to tell us lies; when you go home take them with you.

*Nine (a Yankton)*:—Everyone here shakes hands; I don't wear the clothes of these other Indians; you came here to tell lies; 64 years since you got our country, and kept us fighting ever since; you come here to have council; you did not treat us right, and come over here; you promised to take care of us, but did not; come here to have a smoke, and have a living and trade; come over to this people; these people are good; I intend to live here; with bullets here we intend to kill meat and hurt nobody; that is what these people here tell us to do.

*A squaw* (wife of the Bear that Scatters): I wanted to raise children in your country, but you gave me no time; I come to this country to raise my children; I will stay with these people here and raise my children.

*Flying Bird* said God raised us; we have sense enough to love one another. *Sitting Bull's* country you wanted to get, and now you have taken. The soldiers find us out and never think of anything good for us, always bad.

*General Terry*:—Are we to say to the President that you all refuse the offers made to you.

*Sitting Bull*:—I have told you all I have to tell you. This part of the country does not belong to you, all on this side belongs to these people (meaning the Police.)

*The Crow* (embracing Col. MacLeod and Major Walsh.):—That is the way I like these people. You were not afraid to come here. What mean you to come here and talk to us. All this country belongs to this people (police) that is the reason we come here. God don't want us to do anything bad; come to live with these people; people that don't hide. I suppose you want to hear something from us, that is the reason you come over. For 64 years shook hands, but were sold and had hardships ever since, came across the line and people here took good care of us.

You can go back to where you came from and stay there; come over here and Great Mother knows of it; come here to live in peace and raise children.

General Terry then told the Indians that he had nothing more to say.

## NORTH-WEST MOUNTED POLICE,

FORT WALSH, Oct. 17th, 1877.

GENTLEMEN,—In answer to your note I beg to inform you that after the interview of the Commissioners with the Indians, I had a "talk" with the latter.

I endeavoured to press upon them the importance of the answer they had just made; that although some of the speakers to the Commissioners had claimed to be British Indians, we denied the claim, and that the Queen's Government looked upon them all as American Indians who had taken refuge in our country from their enemies.

I pointed out to them that their only hope was the buffalo, that it would not be many years before that source of supply would cease, and that they could expect nothing whatever from the Queen's Government except protection as long as they behaved themselves.

I warned them that their decision affected not only themselves but their children, and that they should think well before it was too late. I told them they must not cross the line with a hostile intent, that if they did they would not only have the Americans for their enemies, but also the Police and the British Government, and urged upon them to carry my words to their camps and tell all their young men what I had said and warn them of the consequence of disobedience, pointing out to them that a few indiscreet young warriors might involve all in the most serious trouble.

They unanimously adhered to the answer they had given to the Commission, and promised to obey what I had told them.

I do not think there need be the least anxiety about any of these Indians crossing the line, at any rate not for some time to come.

In haste,

Most respectfully yours,

(Signed,)

JAMES F. MacLEOD,

Commissioner.

General A. F. TERRY,

General A. G. LAWRENCE,

Sitting Bull Commission,

Fort Walsh.

FORT WALSH, 17th October, 1877.

Interview between Lieut.-Col. J. F. MacLeod, C.M.G. Commissioner of N.W.M.P., and Sitting Bull and other Chiefs of the Sioux Nation.

Lieut.-Col. MacLeod said:—I told you the other day that Major Walsh was sent to ask you to come and meet the United States Commissioners. I have asked you to come and meet the Commissioners and hear what they had to say to you. I am glad that you have come as requested. I told you when you had heard what the Commissioners had to say you would know what answer to give them. I told you that no force or influence would be used as to what answer you should give to them. To-day you have heard what the Commissioners had to say, and you have given them your answer. I wish to tell you this answer is of the greatest importance to you. I hope you have all thought well over it before giving it. I wish to tell you that the Queen recognizes you all as American Indians, that she recognizes you all as Indians who have come to our side of the line for protection. The answer you have given the United States Commissioners to-day prevents your ever going back to

the United States with arms and ammunition in your possession. It is our duty to prevent you from doing this. I wish to tell you that if any of you or your young men cross the line with arms in your hands that then we become your enemies as well as the Americans. \* \* \* \* \*

I wish you to know that this will only be the case if you cross the line with the intention of not behaving yourselves. As long as you behave yourselves the Queen's Government will not drive you out. You must remember that you will have to live by the buffalo on this side of the line, and that the buffalo will not last forever. In a very few years they will be all killed. I hope you have thought well on the decision you have given to-day, not only for yourselves but for your women and children. I hope you have considered the matter well with reference to the buffalo. After the buffalo are all destroyed you will have to seek some other method of living, as all that you can expect from the Queen's Government is protection from your enemies, and that only as long as you behave yourselves. I will report to the Queen's Government all that transpired to-day, and when the answer comes back I will have it communicated to you. I want now to find out from you what are the grievances you complain of having received on the other side of the line. I want to take this down so that I can let the Queen's Government know what grievances you have and what has caused you to leave your country.

"Sitting Bull" then rose, and having shaken hands with the Commissioner and Inspector Walsh, said:—

My fathers you know well how the Americans have treated us, and what they have done to us; they took me for their son, but they have come behind me with their guns. The first time our nation learned to shoot with the gun, to kill meat for our children and women, it was by the English we were taught; since that time I have been in misery. I tell you the truth; since I was raised I have done nothing bad. The Americans tried to get our country from us; our country was full of gold, I mean the Black Hills country. They knew that the gold was there. I told them not to go into it. I did not wish to leave my country full of gold. I did not give them the land, no more than you would have given it. The Great Almighty and the Queen knows that there is no harm in me, and that I did nothing wrong. At the present time, in my own country, my people suffer from the Americans. I want to live in this country and be strong, and live well and happy. I knew that this was our Great Mother's house, when I came here with my people. I was not raised with arms in my hands. The Americans kill ten or twenty of my children every day for nothing. I like to see all my children alive, and come to this country. You will see soon some more come across the line. God Almighty gave us lots of buffalo to live long. I wish there be lots of buffalo for a long time to come. I was glad when I knew I was on the Queen's land. Now, I see plain, there are no more deer, elk or buffalo on the other side of the line. All is blood. I don't believe that you will help the Americans to do me harm as long as I behave myself. To-day you heard the sweet talk of the Americans; they would give me flour and cattle, and when they get me across the line they would fight me. I hope they will not come here a second time. If I say anything wrong now, our mother will know of it. I don't want to disturb the ground or the sky, I come to raise my children here. God Almighty always raised me buffalo meat to live on; we will pay for what we want here; we asked the Americans to give us traders, but instead of this we got fired balls. All of the Americans robbed, cheated and laughed at us. From the other side of the line their smoke passed over after us. Now I tell you all that the Americans have done to us, and I wish you to tell our Great Mother about it all; I could never live over there again. They never tell the truth. They told me that they did not want to fight, but they commenced it. Everything that was bad always began with them; I have never heard a good word of them; where I now am I hear nothing bad. If they liked me why did they drive me away; for my part they can stop on the other side of the line with their big guns, I stay on this side without being afraid. At present, I feel as if I weretalking with our Grandmother, and I am glad I came here. I want

you to tell our mother of the gold in the country we were driven from. You heard that squaw talk to-day, we want to raise children, we want to be big friends with all while we are here, and live in peace with all the Indians; there is no fear for them, they can come to our camp at any time; we like you and the Police very much, and it is only for this reason we came to see the United States Commissioners, and hear what they had to say.

*Little Knife*:—I have much to say; I have traded all over the country; the talk to-day has pleased me well; I have been 12 years in this country; I heard all the talk to-day, and my heart is glad; I was raised trading, and want to see traders come and visit us as long as we behave ourselves.

*Bear's Cap*:—The Americans I asked to trade with me, but instead of this they shoot at me all the time; I am now an old man; I never went to the White man's country to fight with them, but they came to our land to fight with us; the Americans have nothing but bad lies, and their pockets are full of them; the Americans were not afraid to come in here, on account of the Police; the Americans talk fine words, but I did not believe them; my father does not tell lies; the Americans have no sense, there is no sense in what they say; look at me and have pity; when I left the Americans they kill my people, and I came to this country crying; I am glad you brought us here.

*Spotted Eagle* said:—I will tell you how the Americans treated me. I am a young man, just beginning the world; I wanted to trade, but they fight me; I came here with no arms; I tell no lies; the Americans break their word, and I fight them; we did not give them our land; we did not take annuities from them; they stole our land from us; the Americans are liars; they pretend to know how many of us they killed, but they do not; I know, I was there; I am glad we have come here; you wanted us to come here for the Queen, and so we came; all on this side of the line seem to have the one heart; the Americans say the prisoners they took they treated well; this is a lie; they kill plenty of us, but we kill plenty of them too.

*Whirlwind Bear*:—For my part, since I was raised I wanted to trade; I thought I was raised in this country, so I took the road and came back; what I have been thinking of since I came here is of God and the ground I stand upon; I am glad I have come to the house of my Grandmother; I expect to live a long time; I don't want to disturb any one here; I don't want to return to the other side; I know in this country that I can raise my children; on the American side I had to throw them away since they drove me off; I know what is now put on paper you will send to our Mother.

The Commissioner then said as follows:—Then I am to understand that you have been driven from your country? (This was assented to by all of the Chiefs.)

The Commissioner then proceeded to say as follows:—I have every confidence that you will do as you have promised, and behave yourselves as I have asked you. Obey the laws of this country and not cross the line to do what I have told you not to do. I want you all to carry to your camp the words that I have spoken, and tell your young men all that has passed between us, and get your young men to do the same as you promised that you will. If some of them don't listen to what has been said and misbehave themselves it may involve the whole of you in trouble. If trouble once comes there is no knowing where it will end. If you obey the words I have spoken to you, you need not be afraid. You will always find my words the same. You find now that you can trust us. When Major Walsh went to your camp he told you he would see you safe back, he will go back with you and I will give you provisions for the journey and some tobacco. I will also give you some powder and ball to shoot the buffalo with, and some tobacco for your young men who have remained in camp, also a blanket for each of you. I give you these things to show you how pleased I am that you have obeyed the message sent to you by the Queen and conveyed to you by Major Walsh. I hear that you have been asking about traders. There is no objection to traders going into any part of this country, traders can go anywhere, traders may trade ammunition on permission being given them by Major Walsh. We will allow you a liberal amount of ammuni-

tion for the purpose of hunting. I am quite sure traders will come to you as soon as they think it will be profitable for them; traders pay nothing for trading. You can go where you like as long as you obey the laws. I hope the Police will always be your friends. I have just come from visiting the Blackfeet; they all came and shook hands with me and were pleased. There were about 6,000 Blackfeet present. I would now like to know where you will camp this winter.

*Sitting Bull*:—I cannot tell, as the man who settles our camping ground is not at present with us.

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**APPENDIX F.**


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**MOUNTED POLICE REPORT.**


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FORT WALSH, 6th June, 1877.

SIR,—I have the honour to forward, for your information, a Report from Inspector Walsh concerning the arrest of thirteen Assiniboine Indians for committing a series of assaults on the Sauteaux.

On my arrival here I found that Inspector Walsh had released eleven the day previous. The following day I sat on the case with Walsh, and we adjudged "Crooked Arm," the ringleader, six months in gaol with hard labor, and the other, two months.

On my road to Sitting Bull I visited the Assiniboine camp, a camp of over 500 lodges, and held a pow-wow with Long Lodge and his head men.

I told them that as they had behaved themselves so well, and that I had received such good reports of them from Inspector Walsh, that I would perhaps mitigate the sentences of their young men now in gaol. Of course this is illegal, but I consider the circumstances of the case justifies my action.

In conclusion, I cannot too highly write of Inspector Walsh's prompt conduct in this matter, and it must be a matter of congratulation to feel that fifteen of our men can ride into an enormous camp of Indians and take out of it as prisoners, thirteen of the head men.

The action of this detachment will have great effect on all the Indians throughout the country.

I have the honor to be, Sir,

Your obedient servant,

A. G. IRVINE,

*Assistant Commissioner.*

The Hon. R. W. SCOTT,  
Secretary of State,  
Ottawa.

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FORT WALSH,

May 27th, 1877.

SIR,—On the 25th instant, Little Child, Sauteaux Treaty Chief, arrived at this Post and reported as follows: that the Sauteaux, numbering 15 lodges and 250 lodges of Assiniboines, were camped at the north-east end of this mountain. On the 24th instant the Sauteaux camp concluded to move away from the Assiniboines, consequently they informed the Assiniboines of their intention. An Assiniboine named Crow's Dance had formed a war lodge, and gathered about 200 young men as soldiers under him. It appears Crow's Dance gave orders that no person was to move away from the camp without the permission of the soldiers.

Little Child was informed that the Saulteaux could not leave; if they persisted in doing so that the soldiers would kill their horses and dogs, and cut their lodges, &c. Little Child replied if they did him any harm or occasioned any damage to his people, he would report the matter to the Police. Crow's Dance replied, we care as little for the Police as we do for you. Little Child then had a Council with his head men, and addressed them as follows: "We made up our minds to move but are forbidden. When the children of the White Mother came to the country we thought they would protect us to move wherever we pleased, as long as we obeyed her law. The Governor told us so when we made our Treaty with him. He also informed us that we had but one law to obey, and that was the law of the White Mother. Now what shall we do? One of his head men replied: since the arrival of the White Mother's children in the country we have obeyed the law; we want to obey the law and none other; we were told by her Chief to adhere to Her law, and if any one did us any harm to report it to him. This is the first time that any such an occurrence has happened since the arrival of the Police in the country; let us move; let the Assiniboines attack us, and we will report to the "White Mother's Chief" and see if he will protect us. To this they all assented and the camp ordered to move. Lodges were pulled down, and as they attempted to move off, between two and three hundred warriors came down on the camp and commenced firing with guns and bows in every direction, upsetting travois, cutting lodges, &c., besides killing nineteen dogs (a train dog supplies the place of a horse to an Indian) knocking men down and threatening them with other punishment. The women and children ran from the camp screaming and crying. It is only by a miracle that no serious damage was done with the fire-arms, as the warriors fired through the camp recklessly. When warned by Little Child that he would report the matter to the Police, Crow's Dance struck him and said: "We will do the same to the Police when they come." After the attack was over Little Child and camp moved northwards, and the Assiniboines toward the east. At 11 a. m., I started with Dr. Kittson, 15 men and guide, to arrest "Crow's Dance" and his head men. At 10 p. m., I arrived at the place where the disturbance occurred, and camped; at 2 a. m., I was again on the road, a march of about 8 miles brought me in sight of the camp. The camp was formed in the shape of a war camp with war lodge in the centre. In the "war lodge" I expected to find the head soldier Crow's Dance with his leaders.

Fearing they might offer resistance (Little Child said they certainly would), I halted and had the arms of my men inspected and pistols loaded. Striking the camp so early, I thought I might take them by surprise; so moved west, along a ravine, about half a mile; this brought me within three-fourths of a mile of the camp. At a sharp trot we soon entered camp and surrounded the war lodge, and found Crow's Dance and nineteen warriors in it. I had them immediately moved out of camp to a small butte half a mile distant; found the lodges of the Blackfoot and Bear's Down; arrested and took them to the butte. It was now 5 a. m.; I ordered breakfast, and sent interpreter to inform Chiefs of the camp that I would meet them in council in about an hour. The camp was taken by surprise, arrests made and prisoners taken to the butte before a Chief in the camp knew anything about it.

At the appointed time the following Chiefs assembled, viz., "Long Lodge," "Shell King," and "Little Chief." I told them what I had done, and that I intended to take prisoners to the fort and try them by the law of the White Mother for the crime they had committed; that they, as chiefs, should not have allowed such a crime to be committed. They replied, they tried to stop it but could not. I then said I was informed there were parties in the camp at that moment who wished to leave, but were afraid to go; that these parties must not be stopped; and for them (the Chiefs) to warn their soldiers never in future to attempt to prevent any person leaving camp; that according to the law of the White Mother every person had the privilege of leaving camp when they chose. At 10 a. m. I left council, and arrived at this fort at 8 p. m., a distance of fifty miles. If the Saulteaux had returned one shot, there would in all probability have been a fearful massacre.

I wish to state that "Crow's Dance," "Blackfoot," "Spider," "The one who

Smells," "Four Bands," "The one who Bends the Wood," and "Rolling Thunder" are treaty Indians. I ordered witnesses for prosecution and defence to attend the examination to-morrow morning, when I will investigate the case under oath.

In conclusion, I wish to say a few words for the men of my detachment. Before entering the camp I explained to them there were two hundred warriors in the camp who had put the Police at defiance; that I intended to arrest the leaders; to do so perhaps would put them in a dangerous position, but that they would have to pay strict attention to all orders given by me no matter how severe they might appear. From the replies and the way they acted during the whole time, I am of opinion that every man of this detachment would have boldly stood their ground if the Indians had made any resistance.

I have the honour to be, Sir,

Your obedient servant,

(Signed,) J. M. WALSH,

*Inspector Commanding Fort Walsh.*

To Lieut.-Col. A. G. IRVINE,

Assistant Commissioner N.W.M.P

Fort MacLeod.

DEPARTMENT OF THE SECRETARY OF STATE,

NORTH-WEST MOUNTED POLICE BRANCH,

OTTAWA, 14th August, 1877.

SIR,—I am instructed by the Honourable the Secretary of State to acknowledge the receipt of your letter of the 6th June last, reporting the arrest, by Inspector Walsh, of thirteen Assiniboine Indians for committing a series of assaults upon a number of Sauteaux.

He desires me to say that he has no supervision of the judicial acts of Officers of the Mounted Police, but still he concurs in the prudence exhibited in mitigating the sentences referred to in your letter, when there was a reasonable probability of the mitigation being attended with beneficial results.

He further desires that you will convey to Inspector Walsh his appreciation of the courage and determination shown by him and the officers and men under his command in carrying out the arrest.

I have the honour to be, Sir,

Your obedient servant

(Signed,)

FRED. WHITE.

Major IRVINE,

Assistant Commander,

N. W. M. Police.