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DEPARTMENT

OF

MILITIA AND DEFENCE

OF THE

DOMINION OF CANADA

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REPORT

FOR THE YEAR ENDED 30<sup>th</sup> JUNE, 1895

*PRINTED BY ORDER OF PARLIAMENT*



OTTAWA

PRINTED BY S. E. DAWSON, PRINTER TO THE QUEEN'S MOST  
EXCELLENT MAJESTY

1896

[No. 19—1896.] *Price 5 cents.*

*To His Excellency the Right Honourable SIR JOHN CAMPBELL HAMILTON-GORDON, EARL OF ABERDEEN ; Viscount Formartine, Baron Haddo, Methlic, Tarves and Kellie, in the Peerage of Scotland ; Viscount Gordon of Aberdeen, County of Aberdeen, in the Peerage of the United Kingdom ; Baronet of Nova Scotia, etc., etc., Governor General of Canada.*

MY LORD,—

I have the honour to forward to Your Excellency the accompanying Report of the Department of Militia and Defence of the Dominion of Canada for the year ended 30th June, 1895, which is respectfully submitted.

I have the honour to be,

My Lord,

Your Excellency's most obedient servant,

A. R. DICKEY,

*Minister of Militia and Defence.*

DEPARTMENT OF MILITIA AND DEFENCE,  
OTTAWA, 2nd January, 1896.

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OF THE

## DEPARTMENT OF MILITIA AND DEFENCE

Year ended 30th June, 1895.

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# REPORT OF THE DEPUTY MINISTER

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DEPARTMENT OF MILITIA AND DEFENCE,

OTTAWA, 30th December, 1895.

The Honourable A. R. DICKEY,

Minister of Militia and Defence.

SIR,—I have the honour to submit herewith the reports of the different officers of the Department of Militia and Defence for the financial year ended on the 30th June last.

All these reports show a steady increase in efficiency, in the Permanent Corps and Active Militia of the country. The permanent force, although reduced in numbers, has given instruction in the various military schools throughout the Dominion; and applications for courses of instruction in these schools have been increasing. The good work thus performed through the instrumentality of our small but efficient permanent force has, to a large extent, raised the standard and consequent value to the country of our militia officers. There does not appear to have been any falling off in the numbers of city corps and rural battalions that have drilled for 1894-95. The numbers are in excess of those for the preceding year. Rural corps are at a disadvantage, as they are not called out for drill every year, but still these reports will show that rural corps in camps of instruction have proved to become efficient in a very short course of training.

It is to be regretted that the whole of our Active Militia cannot be drilled every year. They could, by being exercised for twelve days in each year, become, with the instruction given by means of the Permanent Corps, quite efficient, and available for active military duty in the field at very short notice.

There has been no change in the manner of procuring clothing and all the other articles required for the use of the Force. This has been done by contract in all practical cases, and all purchases of clothing and necessaries have been made in the Dominion. The details of issues can be seen in the report of the Director of Stores.

A list of works that have been carried on during the fiscal year, for maintenance and repairs of military properties, will be found in the report of the Acting Architect of the Department.

The Government Cartridge Factory has lately passed through a crisis. Following the purchase of a lot of Martini-Metford rifles, orders were given for the purchase, in England, of the required machinery for the manufacture of the .303 ammunition, and the Superintendent of the Factory was sent to England to supervise the manufacture, under the orders of the Department, of this new machinery. All the new plant has been received at the Factory, and has turned out to be of superior quality in all respects. At this stage, Lt.-Colonel Prevost, the Superintendent, was stricken down by disease, and I regret to say that his death followed very shortly, and the Factory was thus deprived suddenly of the services of a very superior officer. No time was lost in repairing this severe blow to the establishment; an Officer was selected, who is now following a course of technical instruction in England, and will shortly return with all necessary qualifications to carry on this important work.

DEPARTMENT OF MILITIA AND DEFENCE.

I take this opportunity of recording my appreciation of the excellent service rendered by the late Lt.-Col. Prevost, and my regret at the loss which the Department has sustained in his death. From the organization of this Factory for the production within our Dominion of the ammunition required for the Militia Force, Lt.-Colonel Prevost has been in charge of the establishment; and to his untiring care and energy, with the intelligent skill which he has always shown, has been due the perfection to which the Factory and its work have been brought.

The following is an abstract statement of the financial affairs of the Department for the fiscal year ended 30th June, 1895:—

FINANCIAL STATEMENTS of the Department of Militia and Defence, for the fiscal year ended 30th June, 1895.

EXPENDITURE.		\$	cts.
Pay of General Officer and Adjutant General.....		6,600	00
Pay of staff, permanent corps and active militia, including allowances.....		628,430	61
Salaries and wages of civil employees.....		67,200	00
Salary of an inspector of stores.....		633	00
Military properties, works and buildings.....		125,857	08
Warlike and other stores.....		51,099	40
Modern firearms.....		68,083	36
Clothing and necessaries.....		114,992	68
Provisions, supplies and remounts.....		150,054	28
Transport and freight.....		53,843	78
Grants in aid of Artillery and Rifle Associations and Bands and Military Institutes. A.....		34,675	00
Miscellaneous and unforeseen contingencies.....		14,916	42
Royal Military College of Canada.....		64,568	94
Dominion Cartridge Factory.....		53,594	21
Monuments for battlefields of Canada.....		8,465	00
Defence of Esquimalt, B.C. :—			
Dominion contribution towards capital expenditure for works and buildings.....		127,500	00
Pay and allowances of a detachment of Royal Marine Artillery or Royal Engineers )			
Gratuity to T. Rainsford.....		1,000	00
Cancellation of leases—Barriefield, Kingston.....		1,500	00
Grant towards a monument, Toronto Volunteers, N. W. Territories Rebellion, 1885.....		1,000	00
Total.....		1,574,013	76
PENSIONS.			
	No.		
Rebellion, 1885.....	99	19,366	26
Fenian Raids, &c.....	20	2,984	00
Veterans, war of 1812.....	3	120	00
Upper Canada Militia, war of 1812.....	21	1,800	00
Total.....		24,270	26
REVENUE.			
Casual.....			1,818 92
Ammunition.....	\$10,136 24		
Stores and clothing.....	4,637 83		
Miscellaneous.....	1,341 31		
Rents.....	4,055 60		
			20,170 98
Royal Military College.....			19,274 05
Total.....			41,263 95

I have the honour to be, sir,  
Your obedient servant,

C. EUG. PANET, Colonel,  
*Deputy Minister of Militia and Defence.*

# APPENDIX No. 1

TO

## REPORT OF THE DEPUTY MINISTER

OF

### MILITIA AND DEFENCE.

#### REPORT OF THE DIRECTOR OF STORES AND KEEPER OF MILITIA PROPERTIES.

STORE BRANCH,  
OTTAWA, 1st November, 1895.

SIR,—I have the honour to submit the following report on the Military Stores and Properties under my charge during the year ended on the 30th June, 1895.

#### CLOTHING AND MILITARY STORES.

All the clothing, necessaries and store supplies received for service of the militia were, as usual, obtained from Canadian contractors; these were carefully examined by the Inspectors of the Department and reported upon as equal to the sealed patterns adopted as standards by the Department.

The following were the issues of clothing made during the year: Cloth, serge and tweed tunics, 8,736; cloth, serge and tweed trousers, 9,314 pairs; cloth riding breeches, 1,000 pairs; forage caps, 6,549; greatcoats, 3,886, as shown by the following tabular return:—

#### ISSUES.

Tunics, Cloth.		Tunics, Serge.		Trousers, Cloth, Pairs.		Trousers, Serge, Prs.		Forage Caps.		Great Coats		Riding Breeches.		Ha'fax Tweed Clothing.	
213	Cavalry.	452	Cavalry.	244	Cavalry.	1,005	Artillery.	593	Cavalry.	148	Cavalry.	534	Cavalry.	671	Tunics.
659	Artillery.	681	Artillery.	257	Artillery.	4,648	Infantry.	958	Artillery.	952	Artillery.	466	Artillery.	671	Trousers.
58	Engineers.	1,201	Infantry.	451	Infantry.	2,038	Rifles.	3,874	Infantry.	2,786	Infantry & Rifles.	—	Infantry.	—	—
3,035	Infantry.	101	Rifles.	—	—	—	—	1,124	Rifles.	—	—	—	—	—	—

## AMMUNITION.

*Free issues for practice.*

The following are the numbers of rounds of ball and blank ammunition issued to Militia Corps for their annual practice during the year, viz., 633,220 rounds of ball, and 263,380 rounds of blank. (*Vide* Appendix A.)

*Issues on Repayment.*

The issues on repayment during the same period were 801,884 rounds, distributed as follows: Snider ball, 320,990 rounds; Snider blank, 3,000 rounds; Martini-Henri ball, 472,244 rounds; aiming tubes, 5,000 rounds; Martini Metford ball, 450 rounds; Lee-Metford ball, 100 rounds; all issued to Militia Corps and Rifle Associations for target practice and prize competitions.

The value of the ammunition thus issued, including powder for the noon gun at Ottawa, amounts to \$10,069.63. (*Vide* Appendix B.)

The usual issues of powder, shot and shell for annual practice and salutes were made to the field and garrison batteries. The quantity of gunpowder issued during the year was 18,573 pounds. (*Vide* Appendix C.)

The Cartridge Factory at Quebec supplied during the year the following quantities of small arm ammunition and shells, viz.: Martini-Henri ball, 318,290 rounds; Martini-Metford blank, 511,600 rounds; shell, common, 9-pr, 1,501; shrapnel 9-pr., 1,520; common shell 64-pr., 255; shrapnel 64-pr., 118.

## ARMS.

The armourers of the various Military Districts are constantly employed in repairing the arms sent in from Corps, and the overhauling and keeping in order the rifles in store charge. An armourer is still required at London, Ont., and one at St. John, N. B.

## HARNESS AND SADDLERY.

In my report of last year under this head, reference was made to the good results attained from the appointment of a practical harness maker, for the repairing and renewal of part worn saddlery, harness and accoutrements, a shop for this work having been established at Toronto.

I may also state that steps have been taken under the direction of the Superintendent of Stores at Quebec, to utilize a large number of buff pouch belts returned into Store as obsolete, by converting them into Artillery and Infantry waist belts, there being expert men employed in the Stores at that station; this can be carried out at a minimum of cost to the Department.

Since my last report 210 sets of new pattern saddlery of Canadian manufacture have been received into Store, made from the latest Imperial pattern, and after a critical inspection by a board of competent officers, assisted by the expert saddler from the Toronto Stores (whose services proved most valuable), the saddlery was represented in the report of the board to be fully up to the English made saddle adopted by the Department as a standard pattern.

## BOARDS OF SURVEY.

The annual Boards of Survey were held during the year in Military Districts, as required by Regulations and Orders.

All condemned and obsolete stores reported upon by the Boards—when recommended—were disposed of in the usual way by public auction, and the proceeds thereof duly placed to the credit of the Receiver General. At some of the stations, the number of condemned articles was so small it was not considered advisable to have a sale, as the amount likely to be realized would hardly cover the expense attending such sale. Many of the articles returned from the Permanent Corps, being worn out and useless, would bring little or nothing at a sale,—hence, the comparatively small amounts usually obtained as a result of such sales by auction.

## MILITARY PROPERTIES.

The Military Properties in the various Districts have been reported upon by the officers in charge as being in a fairly satisfactory condition; certain repairs have been carried out at some of the stations, when reported as urgently needed to preserve and maintain buildings, &c.

The repairs to the property at Annapolis, Nova Scotia, have been carried out to a certain extent, and it is hoped further improvements will be made next year.

The buildings at the Old Fort, Toronto, are rapidly going into decay, and I beg to draw attention to the necessity of having suitable buildings erected at the station for the care of Military Stores, also a powder magazine.

The same necessity continues to exist for the military stores at Kingston and Halifax. It is understood that steps are now being taken in the direction of proper accommodation being provided for the stores at the latter stations.

The following statement shows the number of tenants and the amounts received on account of rentals from Military Properties held under lease for the year ended 30th June, 1895.

## TENANTS and Rental from 1st July, 1894, to 30th June, 1895.

Number of Tenants.	Station.	Rents Received.	Remarks.
		\$ cts.	
1	Chatham .....	1 00	
3	Niagara .....	166 00	
2	Toronto .....	101 00	
19	Kingston .....	408 36	
2	Ottawa .....	2 00	
3	Montreal .....	516 50	
2	Isle aux Noix .....	40 00	
2	St. Johns, Que. ....	22 00	
19	Quebec .....	1,991 05	
25	Lévis .....	535 15	
9	New Brunswick .....	189 50	
12	Nova Scotia .....	54 25	
2	Prince Edward Island .....	28 79	
101	Total number of tenants .....		
	Total amount of rents received .....	4,055 60	

## DEPOSIT RECEIPTS.

The statement underneath will show the amounts received by the Store Branch for Ammunition and Stores issued on repayment, as well as for Military rents during the fiscal year ending 30th June, 1895.

Ammunition.	Military Stores and Clothing.	Miscellaneous.	Rents.	Total amount.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
10,069 63	4,713 69	38 42	4,055 60	18,877 34

## MILITARY MUSEUM.

I have to report the receipt of a number of interesting and valuable additions to the Museum during the year, from officers of the militia, and others interested in the Military history of the country, as well as from officers of the 100th "Royal Canadians," now stationed in Ireland, who still retain a lively interest in Canada. To Captain Brown Wallis, (late of the 100th Royal Canadians) Ottawa, I am indebted for many valuable souvenirs of a military character, presented to the Museum.

## CONCLUDING REMARKS.

I cannot close this report without referring to the services rendered by my staff in the Stores Branch at Head Quarters, as well as by the Superintendents of Stores in the several Military Districts; the duties discharged are responsible and important, and I have much satisfaction in bearing my testimony to the cheerful manner in which it has at all times been performed.

I have the honour to be, sir,

Your most obedient servant,

J. MACPHERSON, Lieut.-Colonel,

Director of Stores and Keeper of Militia Properties.

To the Deputy Minister of  
Militia and Defence, Ottawa.

[A.] SMALL ARM AMMUNITION issued for Practice from 1st July, 1894, to 30th June, 1895.

Districts.	ROUNDS.	
	Ball.	Blank.
Military District No. 1, London.....	56,040	49,040
do 2, Toronto.....	143,240	66,020
do 3, Kingston.....	50,200	12,840
do 4, Ottawa.....	4,400	2,400
do 5-6, Montreal.....	51,960	34,500
do 7, Quebec.....	51,220	23,480
do 8, St. John, N.B.....	28,340	20,000
do 9, Halifax, N.S.....	65,180	36,500
do 10, Winnipeg.....	50,000	6,000
do 11, Victoria, B.C.....	.....	12,000
do 12, Charlottetown, P.E.I.....	7,640	600
Issued to Militia Corps for Rifle League Competitions.....	125,000	.....
Total.....	633,220	263,380

J. MACPHERSON, Lt.-Colonel,  
Director of Stores and Keeper of Militia Properties.

[B.] SMALL ARM AMMUNITION issued on repayment from 1st July, 1894, to 30th June, 1895.

Military Districts.		Rounds.	Amount.
			\$ cts.
Military District No. 1, London.....		19,700	225 50
do 2, Toronto.....		194,528	2,326 57
do 3, Kingston.....		17,380	195 25
do 4, Ottawa.....		160,365	2,467 96
do 5-6, Montreal.....		103,600	1,219 99
do 7, Quebec.....		52,750	452 03
do 8, St. John, N.B., and Charlottetown, P.E.I.....		91,623	1,279 00
do 9, Halifax, N.S.....		62,812	771 33
do 10, Winnipeg.....		58,300	550 40
do 11, Victoria, B.C.....		40,826	581 60
Total .....		801,884	10,069 63
		Rounds.	
Snider—Ball.....		320,990	
Blank .....		3,000	
Martini—Henry—Ball.....		472,244	
Aiming tube.....		5,000	
Martini—Metford—Ball .....		450	
Lee—Metford—Ball.....		100	
Winchester—Ball.....		100	
Total .....		801,884	

J. MACPHERSON, Lt.-Colonel,  
Director of Stores and Keeper of Militia Properties.

[C.] RETURN of Gunpowder and Friction Tubes issued for Practice and Salutes from 1st July, 1894, to 30th June, 1895.

Military Districts.	Stations.	Corps.	Gun-powder.	Friction Tubes.
			Lbs.	No.
No. 1....	London.....	Field Batteries of Artillery.....	393	455
No. 2....	Toronto.....			
No. 3....	Kingston.....	Field and Garrison Artillery, Royal Military College and Royal Canadian Artillery.....	754½	1,100
No. 4....	Ottawa.....	Ottawa Field Battery and Salutes .....	823½	459
Nos. 5 & 6	Montreal.....	Field and Garrison Artillery and Salutes.....	1,669 7/8	1,445
No. 7....	Quebec.....	do do do .....	10,971½	6,585
No. 8....	St. John, N.B.....	do do do .....	662 3/4	663
No. 9....	Halifax, N.S.....	Field and Garrison Artillery.....	2,412	436
No. 10....	Winnipeg.....	Winnipeg Field Battery and Salutes.....	290	336
No. 12....	Charlottetown, P.E.I.	Field Battery and Salutes.....	597	170
Total.....			18,573 1/8	11,649

J. MACPHERSON, Lt.-Colonel,  
Director of Stores and Keeper of Militia Properties.

## APPENDIX No. 2

TO

### REPORT OF THE DEPUTY MINISTER

OF

#### MILITIA AND DEFENCE.

ENGINEER BRANCH, OTTAWA, 9th Sept., 1895.

SIR, I have the honour to transmit herewith the report upon the works and repairs made to the military buildings and fortifications under control of this department from the 30th June, 1894, to 30th June, 1895.

I have the honour to be, sir,

Your obedient servant,

FRED. W. WHITE,

*Acting Architect M. & D.*

To the Deputy Minister  
Militia and Defence.

#### LIST OF WORKS COMPLETED IN THE ENGINEER BRANCH, MILITIA AND DEFENCE, SINCE 30TH JUNE, 1894.

##### OTTAWA.

Renewing waste pipe to sink in drill hall.  
Fence around manege at drill hall.  
Rebuilding manege back of drill hall.  
Repairs to water pipes at Benbow's quarters.  
Repairs to drill hall.  
Pointing magazine wall, Nepean Point.  
Repairing roof of store buildings.  
Repairs to old military stores.  
Repairs to dragoon quarters.  
Repairs to caretaker's quarters, Nepean Point.  
Lowering flag staff at drill hall.  
Thawing out pipes, drill hall.  
Repairing tower of drill hall.  
Placing pipes and hot air flues, drill hall.  
Survey of proposed Rockliff rifle range.  
Erecting a fence at Cartier Square.  
Repairs to Rideau rifle range.  
Repairs to buildings, Nepean Point.

##### QUEBEC.

Replacing broken glass at R. E. Camp.  
Repairs to Lévis Camp, Lévis.

Repairs to floor of No. 2 Fort.  
 Repairing Capt. Fages's quarters.  
 Repairs to iron roof over barrack rooms, citadel.  
 Repairs to drill shed.  
 Repairing drain of cartridge factory.  
 Repairs to sidewalk in front of drill hall.  
 Repairing walls of rampart.  
 Repairs to Mann's bastion.  
 New railing to galleries, drill hall.  
 Galvanized chimney tops, citadel.  
 Repairs to gun shed floor, citadel.  
 Repairing all fortification walls.  
 Whitewashing at drill shed.  
 Repairing flagging at hospital and stable building.  
 Repairs to buildings, K. E. Camp, Lévis.  
 Erection of gun platforms at drill shed.  
 Repairs to drill shed roof.  
 Painting roof, No. 1 Fort, Lévis.  
 Fitting up bath in officers' quarters, citadel.  
 Renewing gun platforms around town lines.  
 Renewing curb in front of drill hall.  
 Refitting water closets, &c., in officers' and commandants' quarters, St. Louis street.  
 Repairs to quarters in rear of St. Louis street, at present occupied by Capt. Fages.  
 Repairs to quarters, artillery barracks.  
 Repairs to laboratory buildings, Cove Fields.  
 Repairs to citadel.  
 Repairs to work shop, cartridge factory.  
 Repairing wells, citadel.  
 Repairs to ranges, citadel, Quebec.  
 Fitting water closets in cartridge factory.  
 The usual general repairs to the barracks were carried out by the men of the battery, and the annual amount of lumber for the necessary repairs has been supplied.

## KINGSTON.

Repairing Capt. Hudon's quarters.  
 Repairing Major Drury's quarters.  
 Hanging paper in Gunner Maher's quarters.  
 Repairs to blue block, Tête de Pont.  
 Filling up wells.  
 Repairing drain at Tête de Pont barracks.  
 Repairs at Artillery Park barracks.  
 Artificial stone sidewalk.  
 Renewing ranges, Tête de Pont barracks.  
 Barrack Inspection Reports, R. M. C.  
 Erecting windmill on Barrielfield common.  
 Rolling lawn, R. M. C.  
 The usual general repairs to the barracks were carried out by the men of the battery, and the annual amount of lumber for necessary repairs has been supplied.

## GUELPH.

Repairs to gun shed.

## LONDON.

Fitting store buildings.  
 Gravelling barracks square.  
 Painting outside woodwork of barracks.

Tinting officers' quarters.

Repairing officers' quarters, infantry barracks.

The usual general repairs to the barracks were carried out by the men of the company, and the annual amount of lumber for the necessary repairs has been supplied.

## BRANTFORD.

Repairing drill shed.

Furnaces for drill shed.

Glazing in officers' quarters.

Painting drill shed.

Draining at drill shed.

Levelling ground, drill shed.

Putting pillars under sergeants' quarters.

Sheeting drill shed.

Plumbing in drill shed.

Drawing plans and preparing specifications.

Fitting up armouries, drill shed.

Repairs to Mohawk Rifle Range.

Mantles for drill shed.

## MONTREAL.

Repairing w. c. in drill hall.

Repairs to Montreal drill hall roof.

Repairs to Victoria Rifles' armoury.

Repairs to cavalry armoury.

Reshingling workman's cottage, St. Helen's Island.

Repairs to Cote St. Luc ranges.

Repairs to caretaker's quarters, drill hall.

Repairing drill hall floor.

Installation of telephone in drill hall.

Placing racks in store building.

Plumbing in Montreal drill hall.

## TORONTO.

Fitting up saddler's shop in stores.

Repairs to commandant's quarters.

Slatting roof West Barracks.

Flooring in West Barracks and canteen.

Refitting bath room and w. c. in commandant's quarters.

Repairs and new windows, West Barracks.

Plumbing in barracks.

Repairs to latrines, &c., Stanley Barracks.

Repairs to stables.

Repairs to roof, officer's quarters.

Monument at Chrysler's Farm.

Monument at Chateauguay.

Monument at Lundy's Lane.

The usual general repairs to the barracks were carried out by the men of the company and the annual amount of lumber for the necessary repairs has been supplied.

## PRESCOTT.

Pointing block house, Fort Wellington.

Repairs to cavalry armoury.

Repairs to Prescott drill shed.

## NIAGARA.

Ditching and draining camp ground.  
 Erecting a flag pole.  
 Repairs to Butler's Barracks.

## FREDERICTON.

Repairs to Col. Sergeant Daniel's quarters.  
 Repairs to quarter-master's quarters.  
 Repairs to men's barracks.  
 Repairing sink, Major Gordon's quarters.  
 Repairing waste pipe in men's wash house.  
 Repairs to master tailor's quarters.  
 The usual general repairs to the barracks were carried out by the men of the company, and the annual amount of lumber for the necessary repairs has been supplied.

## ST. JOHN, N. B.

Reflooring drill shed, Fort Howe.  
 Building picket fence opposite Dorchester Battery.  
 Rebuilding chimney tops.  
 Erecting flag pole.  
 Work at stores department.  
 Repairs to drill shed floor.

## WINNIPEG.

Heating officers' mess, Fort Osborne.  
 Repairing chimneys, Fort Osborne.  
 Repairs to officers' mess, Fort Osborne.  
 Repairing broken plaster, Fort Osborne.  
 Partitioning coal bins.  
 Putting in light, W. F. B. quarters.  
 The usual general repairs to the barracks were carried out by the men of the company, and the annual amount of lumber supplied.

## THEDFORD, ONT.

Work at drill shed.

## BINBROOK.

Repairs to drill shed.

## ST. THOMAS.

Fitting up No. 2 armoury, drill shed.

## ST. JOHNS, QUE.

Repairs to ranges, St. Johns, P.Q.  
 Repairs to Capt. Fages's quarters.  
 Repairs to Lieut. McMahon's quarters.  
 Repairs to Dr. Campbell's quarters.  
 The usual general repairs to the barracks were carried out by the men of the company, and the annual amount of lumber for the necessary repairs has been supplied.

# APPENDIX No. 3

TO

## REPORT OF THE DEPUTY MINISTER

OF

### MILITIA AND DEFENCE.

#### GOVERNMENT CARTRIDGE FACTORY.

QUEBEC, 2nd October, 1895.

SIR,—In consequence of the sad loss which the Government Cartridge Factory has sustained by the death of the late Lieut.-Colonel O. Prevost, the duty of explaining what took place in the factory during the year ending the 30th June last, has devolved upon me. I have the honour to report as follows:—

As it was decided to change the machinery in order to manufacture the "Lee-Metford" ammunition, orders were given for the purchase of new machinery, and pending its arrival in Quebec, the staff of the factory was considerably reduced. This will explain the reduced amount of cartridges which have been manufactured during the year, viz., 96,600 rounds of Martini-Henry service ball ammunition; 530,000 rounds of Lee-Metford blank ammunition.

The new machinery has been installed in the factory, and is giving great satisfaction. An electric motor of 20 horse-power has also been installed and is working well.

The new machinery was procured from the English firm of Greenwood & Batley, of Leeds.

The shell factory was kept in operation up to March last, when work had to be suspended for a time to carry out the improvements to the buildings, this will account for the reduced number of common and shrapnel shells which have been made during the year, viz. :—

9 pounder, common . . . . .	1,501
9 " shrapnel . . . . .	1,874
Tin cups for 40-pounder B.L.R . . . . .	500
In addition :	
9 pounder, common (partly finished) . . . . .	300
9 " shrapnel . . . . .	500

It is expected that for the future with the machinery which has been ordered, more than half the number of shells required for the force during the year will be manufactured at this factory.

I have the honour to be, sir,  
Your obedient servant,

A. DE L. PANET,  
Manager Shell Factory and Acting Superintendent.

To the Deputy Minister of  
Militia and Defence,  
Ottawa.

PART 2.

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REPORT

OF THE

ADJUTANT GENERAL OF MILITIA.

The Honourable  
A. R. DICKEY,  
Minister of Militia and Defence.

HEADQUARTERS, OTTAWA, 31st August, 1895.

SIR,—I have the honour to submit a report relating to the Militia for the financial year ending on the 30th June, 1895.

ROYAL MILITARY COLLEGE.

The Royal Military College continues to turn out well trained and educated graduates who are physically fit for service. The education imparted combines everything needful to secure success either in military or civil pursuits, and seems well adapted to the circumstances of Canada, which maintains only a small permanent force. You are aware that owing to its smallness all the graduates cannot have commissions in it and that those who follow civil careers carry with them the military training they have acquired. The results are doubtless different from those which attendance at Sandhurst and Woolwich secures, because all who attend these Institutions have already completed their literary education in Civil Colleges and only join the Military Colleges for short courses in military training. On account of the large army maintained by Great Britain, every one who passes an examination at those colleges in the subjects which form the basis of the military education is sure to receive an army commission. The graduates of this Royal Military College are not so fortunate, but are qualified by education and training for such service as Canada can offer. They, therefore, should be absorbed by it for public employment whenever an opportunity offers. The facility offered, under command of Captain Twining, of securing the services, during the summer vacation, of those who were fitted for it and were available for employment in the survey of ground and the preparation of a military map of a portion of Dominion territory, is likely to result favourably and to afford a knowledge of the qualifications for such duty of the graduates.

## PERMANENT FORCE.

Orders have been issued for the reduction of this force to 800 from the 30th June, 1895, as directed. The officers and non-commissioned officers remain and enough of the rank and file have been released to bring the total within the required limits. This force has performed good service within the year, as in addition to the ordinary duties of the several corps as soldiers they have formed the basis for eight Schools of Military instruction of different arms. These schools have been fairly well attended, but the limited barrack accommodation makes it necessary to limit the number who can join for instruction at any one time, and the changes of officers in the city and rural corps of the active force are such as to make it impossible for each one to obtain a certificate of qualification from one of these schools. There are officers now serving who hold only provisional appointments, and some who from lack of time or opportunity cannot attend for the periods needed to obtain them. The Permanent Corps, however, perform their duties of instruction as satisfactorily as the circumstances will allow, and aside from their ordinary duties are carrying on a most useful and necessary work in the aid they give to those branches of the service that need it. Several of the officers and non-commissioned officers have been sent to Great Britain this year in order that they may have the benefit of such superior training as can be made available there, and as will benefit them and Canada when they return. The good that follows such training has already been made apparent in administering the home force and in the instruction that can be given to those who must obtain it in this country.

The Appendices A and B relating to these corps, will inform you of the several particulars to which they relate, and C, those which relate to the Schools of Military Instruction.

## ACTIVE MILITIA.

The drill and training of the Active Force has been carried out under the provisions of the General Orders relating to that service, first, the City Corps, which drilled for pay at their local headquarters during 12 days at times convenient to themselves, and, secondly, those corps which trained in Camps of Exercise for a similar number of days at the end of the financial year. I append hereto Returns D, E, F, G, and H, by which you will see the results. The numbers trained in 1894-95 are in excess of these trained in 1893-94, viz. :—

	Performed 12 days' Drill.			Performed less than 12 days.		
	Officers.	N.C.O.'s and Men.	Horses.	Officers.	N.C.O.'s and Men.	Horses.
City Corps.....	650	8,437	674	26	580	25
Camps .....	888	10,902	1,808	20	99	5
Totals, 1894-95 .....	1,538	19,339	2,482	46	679	30
Totals, 1893-94.....	1,467	17,107	2,308	60	713	11

The City Corps which trained at their local headquarters have shown greater numbers present at drill in proportion to their strength than have those that trained in Camps of Military Instruction, but that must be expected, as in the case of City Corps every one is trained annually, while only a sufficient number of the others to absorb the available pay and allowances for the current year are called out for drill; and while it can be said that these corps have given a good account of themselves, the infrequency of the drills should be a good excuse, if such were needed, for less musters than their respective establishments show, also when it is remembered that the enrolments are voluntary, the result speaks well for the desire to train which has been manifested by the officers and men of both city and rural corps. A fair number have attended the Schools of Military Instruction, and in all cases when possible the Permanent Corps in each district have been sent into camp for the purpose of facilitating the trainings of the rural corps, which have in consequence proved more successful and the maximum advantage has resulted from them. More would have been shown if all the rural Active Militia could have been called out. Of the corps ordered into camps of Military Instruction this year several were allowed to train in such camps at their regimental headquarters, viz., 3 battalions of Infantry in District No. 2, and 4 battalions of Infantry in District No. 9, but as the cost is nearly as much for such trainings, the result has shown that greater efficiency will result if the rural corps are brought together in District Camps of Exercise. An emulation exists there that proves more beneficial than training at local headquarters can be. It is also to be remembered that although the extra cost of transport of such corps has to be carried, the men who train in them are removed entirely from their several localities and are under better and more stringent discipline than they could be in camps within their own counties.

The small arms in possession are not of the latest pattern or as serviceable as they once were. Both officers and men have, however, made fairly good scores at target practice, and have cheerfully submitted to the inconveniences that result from such arms and from the accoutrements and knapsacks in their possession, but they look forward to the time, which they hope will not be distant, when a new outfit will be available for issue to them.

It is creditable to many of those city and rural corps that they maintain more officers and men than their establishments for pay allow, and that their bands continue to add to the value of their respective organization as well as to the advantages that tend to keep the ranks of these corps full.

All required medical duties have been carried out at the various camps as well as the circumstances of each has permitted. Few cases of injuries or illness have been reported, but provision is needed at each Camp for all who may require medical aid.

Although subject to a severe discipline no serious cases have occurred in the various Camps of Exercise and none of the punishments for infractions ordered by the Regulations have been necessary.

The strength of these camps has not been the same, as that depended upon the number of corps that were detailed for training in them, but they afforded evidence of the good spirit which was manifested by all concerned. Some of the corps were better than others, but instances of inequality could generally be traced to the infrequency of the drawings which resulted in their attendance.

The benefit of having the Militia under Dominion control continues to be apparent. It permits the force to have only one description of organization and method of training and equipment, and when any portion of it is called for service, the limits within which such force can be employed are not circumscribed by the boundaries of a province. It has tended to further those necessary details, that are for the public advantage, and the readiness of the population to assume higher duties has rendered the maintenance of the organization less onerous than could have been expected. The corps throughout the Dominion are numbered and, irrespective of headquarters, recognize the advantages of the organization of which each forms a part.

There are no corps of Active Militia in that portion of District No. 10, known as the North-west Territories. The military duties there continue to be discharged by the North-west Mounted Police, whose administration is under another department.

Owing to the great extent of District No. 11 and the distances between the Victoria, Vancouver and New Westminster companies, administration will be facilitated if the British Columbia Battery of Garrison Artillery is divided into two battalions, the headquarters of the one being on Vancouver Island, and the other at Vancouver on the mainland of British Columbia. The drill, training and efficiency of each corps can be better looked after if this is done, and two battalions so constituted ought to be more available for service than one is now.

I have the honour to be, sir,

Your obedient servant,

WALKER POWELL, Colonel,  
Adjutant General of Militia, Canada.

(APPENDIX A.)

ANNUAL RETURN of Permanent Corps of Active Militia (Non-Commissioned Officers and Men) for the year ending 30th June, 1895.

Name of Corps.	Authorized Establishment.	Strength on June 30, 1894.	Strength on June 30, 1895.	Become Non-effective.								Enrolled.				Composition of present Contingent as to length of service.				Serving with pension from Imperial Government.	
				Discharged by Pursue.	Discharged Unserviceable.	Discharged Invalided.	Discharged—Time expired.	Deserted.	Discharged on reduction of Establishment.	Died.	Transferred.	Total.	Enlisted.	Re-enlisted.	Transferred.	Returned from Detachment.	Total.	Under 1 year.	1 to 2 years.		2 to 3 years.
Royal Canadian Dragoons.....	159	145	122	9	11	4	13	45	11	8	101	64	1	10	3	78	40	37	17	28	1
Royal Canadian Artillery.....	445	364	320	19	27	5	27	113	72	18	284	196	.....	28	16	240	99	63	40	118	8
Royal Regiment of Canadian Infantry	468	395	305	25	16	7	21	64	99	26	258	117	1	31	19	168	65	78	37	125	10
Total.....	1,072	904	747	53	54	16	61	222	182	52	643	377	2	69	38	486	204	178	94	271	19
Increase in 1894-95.....	117	84	.....	.....	36	2	.....	65	182	30	205	.....	.....	50	.....	.....	.....	33	.....	17	.....
Decrease in 1894-95.....	.....	.....	157	32	.....	.....	75	.....	.....	.....	.....	60	17	.....	9	36	184	.....	23	.....	2

M. AYLMER, Lt.-Col.,  
Asst. Adjutant General.

## (APPENDIX B.)

## PERMANENT REGIMENTS.

RETURN of Convictions by Court Martial from 1st July, 1894, to 30th June, 1895.

Corps.	Disgraceful Conduct of a cruel, indecent or unna- tural kind.	Offences against discipline, i.e., insubordination and insubordinate language.	Desertion.	Illegal Absence.	Theft.	Other Offences.	Total.	Total by Corps.	Remarks.	
Royal Canadian Dragoons.	"A" Squadron .....	.....	.....	1	1	1	3	} 18		
	"B" do .....	.....	2	.....	.....	13	15			
Royal Canadian Artillery.	"A" Fd. Battery .....	.....	11	5	.....	6	22	} 72		
	"B" Fd. Battery .....	.....	.....	.....	.....	.....	.....			
	No. 1 Company .....	.....	5	12	5	3	25		50	
	No. 2 Company .....	.....	.....	.....	.....	.....	.....	.....		
Royal Regiment of Canadian Infantry.	No. 1 Company .....	.....	1	1	.....	1	3	} 28		
	No. 2 Company .....	.....	4	.....	.....	1	5			
	No. 3 Company .....	.....	2	9	1	.....	5		17	
	No. 4 Company .....	.....	1	.....	.....	2	3		.....	
Total Crimes .....	.....	7	40	13	4	54	118	.....		
Total Crimes, 1893-94 .....	.....	16	45	11	1	57	130	.....		
Increase .....	.....	.....	.....	2	3	.....	.....	.....		
Decrease .....	.....	9	5	.....	.....	3	12	.....		

M. AYLNER, Lt.-Col.,  
Asst. Adjutant General.

(APPENDIX C.)

RETURN of Certificates granted to Officers, N.-C. Officers and Men of the Active Militia in the year ending 30th June, 1895.

Arm and Station.	Long Course.				Short Course.				Special Course.				Trumpeters' Course.			Total.	Remarks.
	A.		B.		A.		B.		A.		B.		1st	2nd	3rd		
	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd					
Cavalry, Toronto...	1	1	4	...	2	2	3	23	...	2	...	...	...	...	...	38	
do Winnipeg..	2	...	...	...	...	...	12	*8	...	...	...	...	...	...	...	22	*5 Infantry
Artillery, Kingston...	...	...	1	...	2	...	11	12	1	...	...	1	...	1	...	29	
do Quebec....	...	...	7	1	3	...	39	20	4	2	...	...	...	...	...	76	
Infantry, London...	...	...	1	...	1	2	3	9	2	13	...	...	...	...	...	31	
do Toronto...	...	...	1	...	4	10	5	61	8	12	...	...	...	...	...	101	
do St. Johns..	...	...	3	3	1	9	1	5	2	2	...	...	...	...	...	26	
do Fredericton	...	...	...	...	6	5	11	30	1	8	...	...	...	...	...	61	
Total . . . . .	3	1	17	4	19	28	85	168	18	39	...	...	1	...	1	384	
Increase, 1894-95..	1	...	9	3	...	...	30	35	...	...	...	...	1	...	1	80	
Decrease, 1894-95..	...	...	...	...	14	9	...	...	4	16	...	...	...	...	...	43	
Net increase, 1894-5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37	

M. AYLMER, Lt.-Col.,  
Asst. Adjutant General.

## (APPENDIX D.)

RETURN showing the number of Officers, Men and Horses trained in the Year 1894-95, in District Camps.

Military District.	Authorized Establishment called out.			Received 12 Days' Training.			Received under 12 Days' Training.			Untrained.		
	Officers.	N. C. O.'s and Men.	Horses.	Officers.	N. C. O.'s and Men.	Horses.	Officers.	N. C. O.'s and Men.	Horses.	Officers.	N. C. O.'s and Men.	Horses.
No. I. ....	193	2,045	371	151	1,900	337	1	32	....	41	107	34
II. ....	198	2,062	237	171	2,103	228	1	.....	.....	22	.....	9
III. ....	130	1,334	416	102	1,293	391	5	28	2	23	20	23
IV. ....	41	440	62	32	399	61	2	12	.....	7	32	1
V. ....	115	1,140	188	84	993	151	.....	1	.....	31	146	37
VI. ....	120	1,252	255	81	947	246	.....	7	.....	39	298	9
VII. ....	107	1,081	44	92	1,066	44	.....	9	.....	15	6	.....
VIII. ....	84	891	340	67	874	332	...	8	3	18	14	1
IX. ....	103	1,050	14	82	1,040	14	10	.....	.....	11	10	.....
X. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XI. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XII. ....	29	294	4	26	287	4	1	2	.....	2	5	.....
Total. ....	1,120	11,589	1,931	888	10,902	1,808	20	99	5	209	638	114

M. AYLMER, Lt.-Col.,  
Asst. Adjutant General.

## (APPENDIX E.)

RETURN showing the numbers of Officers, Men and Horses of the Active Militia trained in the year 1894-95 at Local Headquarters.

Military District.	Authorized Establishment called out.			Received 12 Days' Training.			Received under 12 Days' Training.			Untrained.		
	Officers.	N.C.O.'s and Men.	Horses.	Officers.	N.C.O.'s and Men.	Horses.	Officers.	N.C.O.'s and Men.	Horses.	Officers.	N.C.O.'s and Men.	Horses.
No. I. ....	45	420	7	24	288	5	.....	.....	.....	21	132	2
II. ....	203	2,157	281	167	2,092	258	2	28	5	34	37	18
III. ....	53	546	8	20	481	6	4	83	1	15	.....	1
IV. ....	47	597	45	39	423	44	1	104	1	7	70	.....
V. ....	164	1,737	49	120	1,600	49	8	96	.....	36	41	.....
VI. ....	18	168	3	13	151	3	.....	10	.....	5	7	.....
VII. ....	80	834	93	59	810	69	1	17	18	20	7	6
VIII. ....	84	860	62	61	695	62	9	35	.....	14	130	.....
IX. ....	101	1,530	37	94	1,097	37	1	179	.....	6	254	.....
X. ....	47	522	147	35	506	141	.....	.....	.....	12	16	6
XI. ....	30	494	.....	18	294	.....	.....	28	.....	12	172	.....
XII. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ..	872	9,865	732	650	8,437	674	26	580	25	182	866	33

M. AYLMER, Lt.-Col.,  
Asst. Adjutant General.

## (APPENDIX F.)

RETURN, by Districts, showing numbers present at Inspection, 1894-95.

Military District.	Establishment.		Numbers present at Inspection,					Wanted to complete.	
	Officers.	N.C.O.'s and Men.	Officers.	N.C.O.'s and Men.				Officers.	N.C.O.'s and Men.
				Staff and other Sergeants.	Bandsmen, Buglers, &c.	Corporals and Privates.	Total.		
No. I . . . . .	220	2,244	160	174	68	1,776	2,178	60	223
II . . . . .	400	4,218	315	339	420	3,662	4,736	85	92
III . . . . .	185	1,880	142	151	133	1,510	1,936	43	87
IV . . . . .	88	1,037	71	82	88	730	971	17	137
V . . . . .	279	2,877	203	258	325	2,192	2,978	76	237
VI . . . . .	138	1,420	96	108	76	913	1,193	42	323
VII . . . . .	200	2,115	153	141	163	1,596	2,053	47	215
VIII . . . . .	168	1,751	128	136	126	1,305	1,695	41	188
IX . . . . .	204	2,580	180	164	187	1,838	2,369	24	390
X . . . . .	47	616	35	43	36	427	541	12	110
XI . . . . .	30	494	18	21	22	252	313	12	199
XII . . . . .	29	294	26	21	22	244	313	3	7

M. AYLMER, Lt.-Col.,  
Asst. Adjutant General.

## (APPENDIX G.)

## MILITIA TRAINING, 1894-95.

RETURN showing the strength of Units of Active Militia in District Camps.

Military District.	Place.	Date of Assembly.	Corps.	Strength.	
				Officers.	N.C.O.'s and Men.
I.....	London, Ont. ....	June 18, '95..	1st Hussars.....	13	170
	Berlin, Ont. ....	Sept. 18, '94..	1st Brigade Field Artillery.....	12	146
	London, Ont. ....	June 18, '95..	London Field Battery.....	5	64
	do .....	do 18, '95..	21st Battalion.....	19	203
	do .....	do 18, '95..	22nd do .....	24	333
	do .....	do 18, '95..	27th do .....	22	283
	do .....	do 18, '95..	29th do .....	17	203
	do .....	do 18, '95..	32nd do .....	25	328
			Total.....	137	1,730
II.....	Niagara-on-the-Lake	June 18, '95..	2nd Dragoons.....	18	217
	do .....	do 18, '95..	12th Battalion.....	28	333
	do .....	do 18, '95..	37th do .....	25	294
	do .....	do 18, '95..	77th do .....	19	252
	Whitby, Ont. ....	do 18, '95..	34th do .....	27	290
	Orillia, Ont. ....	do 18, '95..	35th do .....	28	369
	Beeton, Ont. ....	do 18, '95..	36th do .....	27	340
			Total.....	172	2,104
III.....	Kingston, Ont. ....	June 18, '95..	3rd Dragoons.....	17	164
	do .....	do 18, '95..	4th Hussars.....	18	174
	do .....	do 12, '94..	Kingston Field Battery.....	6	70
	Port Hope, Ont. ....	do 18, '94..	Durham Field Battery.....	5	73
	Kingston, Ont. ....	do 18, '95..	40th Battalion.....	25	321
	do .....	do 18, '95..	46th do .....	16	249
	do .....	do 18, '95..	49th do .....	20	243
			Total.....	107	1,294
IV.....	Ottawa, Ont. ....	June 22, '94..	Ottawa Field Battery.....	5	68
	Kingston, Ont. ....	do 18, '95..	56th Battalion.....	23	270
			Total.....	28	338
V.....	Laprairie, Que. ....	June 25, '95..	6th Hussars.....	14	153
	do .....	do 25, '95..	64th Battalion.....	13	143
	do .....	do 25, '95..	76th do .....	17	206
	do .....	do 25, '95..	83rd do .....	14	240
	do .....	do 25, '95..	86th do .....	26	252
				Total.....	84

RETURN showing the strength of Units of Active Militia in District Camps—*Con.*

Military District.	Place.	Date of Assembly.	Corps.	Strength.	
				Officers.	N.C.O.'s and Men.
VI.....	Compton, Que .....	June 25, '95..	5th Dragoons.....	19	211
	Granby, Que.....	Aug. 27, '94..	Shefford Field Battery.....	6	73
	Rockland, Que.....	June 25, '95..	54th Battalion.....	17	203
	do .....	do 25, '95..	58th do .....	22	270
	do .....	do 25, '95..	79th do .....	17	197
			Total.....	81	954
VII.....	Pt. Levis, Que .....	July 13, '94..	Quebec Field Battery .....	5	71
	do .....	June 25, '95..	23rd Battalion.....	16	166
	do .....	do 25, '95..	61st do .....	19	252
	do .....	do 25, '95..	70th do .....	25	250
	do .....	do 25, '95..	89th do .....	27	336
			Total.....	92	1,075
VIII....	Sussex, N.B.....	June 25, '95..	8th Hussars.....	24	334
	do .....	do 25, '95..	Brighton Engineer Co. ....	7	100
	do .....	do 25, '95..	73rd Battalion.....	14	196
	do .....	do 25, '95..	74th do .....	22	252
			Total.....	67	882
IX.....	Wilmot, N.S.....	June 25, '95..	72nd Battalion.....	25	244
	Shubenacadie, N.S..	do 25, '95..	78th do .....	23	294
	Parrsborough, N.S..	do 25, '95..	93rd do .....	22	252
	Baddeck, N.S.....	do 25, '95..	94th do .....	22	250
			Total.....	92	1,040
XII.....	Charlottetown, P.E.I	June 25, '95..	82nd Battalion.....	27	289

M. AYLMEER, Lt.-Colonel,  
Asst. Adjutant General.

## (APPENDIX H.)

## ESTABLISHMENTS of the Permanent Force, 1895-96.

RANKS.	Royal Canadian Dragoons.	ROYAL CANADIAN ARTILLERY.			Royal Regiment of Canadian Infantry.
		"A" Field Battery.	"B" Field Battery.	Nos. 1 & 2 Garrison Companies.	
Majors.....	2	1	1	1	4
Captains.....	4	1	1	1	8
Lieutenants.....	4	3	2	5	8
Veterinary Surgeons.....	1	1			
Adjutants.....	2	1		1	4
Quartermasters } Staff of Regimental				1	
Surgeons } Depots	1	1		1	4
Total officers.....	10	8	3	10	20
Master Gunners } Staff of		1		1	
Armament Artificers } Artillery		1		1	
Laboratory Sergeants } Districts				1	
Sergeant-Majors.....	2	1		1	4
Quarter-master Sergeants.....	1	1		1	4
Sergeant Instructors or Drill Sergeants.....	4	3		2	8
Bandmasters.....				1	
Sergt. Trumpeters or Drummers.....	1	1			4
Hospital Sergeants.....	1	1		1	4
Orderly Room Clerks.....	*2				*4
Squadron or Battery Sergeants-Major or Colour Sergeants.....	2		1	2	4
Sergeant Farriers.....	2	1	1		
Sergeants.....	6	6	2	10	16
Total Sergeants of District and Depot Staff and Sergeants.....	21	16	4	21	48
Corporals.....	6	5	2	10	16
Bombardiers.....		5	1	10	
Acting Bombardiers or Lance Corporals.....	6	6	1	10	8
Saddlers or Collar Makers.....		1	1		
Wheelers.....		1		1	
Shoeing-smiths.....		2	1		
Trumpeters, Buglers or Drummers.....	6	4	2	3	16
Gunners or Privates.....	83	42	12	106	216
Drivers.....		40	16		
Total rank and file.....	101	106	36	140	256
Total all ranks.....	132	130	43	171	324
Officer's (Private) horses.....	10	8	3	7	4
Riding horses.....	91	12	3		
Draught horses.....		28	16		
Total horses.....	101	48	22	7	4

\* Orderly Room Clerks are not necessarily of the rank of Sergeant.

† Includes Instructor in Riding.

## CAVALRY.

	Military District.	(a)										(b)			
		Lieutenant-Colonels.	Majors.	Captains.	Lieutenants.	2nd Lieutenants.	Adjutants.	Quartermaster.	Surgeons.	Veterinary Surgeons.	Paymasters.	Total Officers.	Regimental Sergeant-Majors.	Regimental Quartermaster-Sergeants.	Troop Sergeant-Majors.
Governor General's Body Guard..	2	1	1	4	4	4	1	1	1	1	1	19	1	1	4
1st Hussars.....	1	1	1	4	4	4	1	1	1	1	1	19	1	1	4
2nd Dragoons .....	2	1	1	5	5	5	1	1	1	1	1	21	1	1	5
3rd Dragoons.....	3	1	....	4	4	4	1	1	1	1	1	18	1	1	4
4th Hussars .....	3	1	....	4	4	4	1	1	1	1	1	18	1	1	4
5th Dragoons.....	6	1	1	5	5	5	1	1	1	1	1	22	1	1	5
6th Hussars.....	5	1	...	4	4	4	1	1	1	1	1	18	1	1	4
8th Hussars .....	8	1	(d) 2	7	8	8	1	1	1	1	1	31	1	1	8
Queen's Own Canadian Hussars...	7	....	1	2	2	2	1	1	1	1	1	12	1	1	2
King's Hussars .....	9	...	1	1	1	1	....	....	....	....	....	4	*1	*1	....
Princess Louise Dragoon Guards..	4	....	....	1	1	1	....	....	....	....	....	3	....	....	1
Winnipeg Troop Dragoons.....	10	....	....	1	1	1	....	....	....	....	....	3	....	....	1
Manitoba Dragoons.....	10	....	....	2	2	2	....	....	....	....	....	6	....	....	2
Totals.....	....	8	8	44	45	45	9	9	9	9	8	194	10	10	44

(a) As provisionally appointed officers rank as 2nd Lieutenants, the number of this rank may amount to more than are here stated, the establishment of captains and lieutenants being in that case reduced in proportion.

(b) No fresh appointments are to be made, and no acting appointments are allowed.

(c) Troop cooks and officers' batmen.

(d) One major commanding a troop to be absorbed.

\* Squadron Sergeant-Major and Squadron Quartermaster Sergeant respectively.

MILITIA.

ESTABLISHMENTS—1895-96.

Orderly-Room Sergeants.	Paymaster Sergeants.	Hospital Sergeants.	Farrier Sergeants.	Sergeants.	Total Sergeants of Regimental Staff and Sergeants.	Corporals.	Saddlers.	Shoeing-smiths.	Trumpeters.	Privates not mounted. (c)	Privates mounted.	Total Rank and File.	Total all Ranks.	HORSES.				Wagons.
														Officers.	Riding.	Draught.	Total.	
1	1	1	1	12	22	12	.....	.....	5	26	109	152	193	19	147	8	174	4
1	1	1	1	12	22	12	.....	.....	5	26	109	152	193	19	147	8	174	4
1	1	1	1	15	26	15	.....	.....	6	30	136	187	234	21	182	10	213	5
1	1	1	1	12	22	12	.....	.....	5	26	109	152	192	18	147	8	173	4
1	1	1	1	12	22	12	.....	.....	5	26	109	152	192	18	147	8	173	4
1	1	1	1	15	26	15	.....	.....	6	30	136	187	235	22	182	10	214	5
1	1	1	1	12	22	12	.....	.....	6	26	109	152	192	18	147	8	173	4
1	1	1	1	24	38	24	.....	.....	8	42	217	291	360	31	286	16	333	8
.....	.....	.....	1	6	11	6	.....	.....	2	..	54	62	85	12	73	....	85	.....
.....	.....	.....	.....	6	8	6	.....	.....	2	5	54	67	79	4	70	2	76	1
.....	.....	.....	.....	3	4	3	.....	.....	1	....	27	31	38	3	35	...	38	.....
.....	.....	.....	.....	3	4	3	.....	.....	1	...	27	31	38	3	35	....	38	.....
.....	.....	.....	.....	6	8	6	.....	.....	2	8	54	70	84	6	70	...	76	.....
8	8	8	9	138	235	138	.....	.....	53	245	1,250	1,686	2,115	194	1,668	78	1,940	39

## ARTILLERY.

Brigade and Batteries.	ARTILLERY.																
	Military District.	Lieut.-Colonel.	Majors.	Captains.	Lieutenants.	2nd Lieutenants.	Adjutant.	Surgeons.	Vet. Surgeons.	Total Officers.	Regimental Sergeant-Major.	Regimental Q. M.-Sergeant.	Battery Sergt.-Majors.	Battery Q. M.-Sergeants.	Sergeant-Farriers.	Sergeants.	Total Sergeants of Regimental Staff and Sergeants.
1st Brigade.....	1	1	2	2	2	2	1	1	1	12	1	1	2	2	2	8	16
No. 1 Battery .....	7	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 2 Battery.....	4	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 3 Battery .....	5	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 4 Battery.....	2	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 5 Battery .....	3	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 6 Battery .....	1	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 7 Battery .....	2	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 8 Battery .....	4	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 9 Battery.....	2	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 10 Battery.....	8	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 12 Battery.....	8	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 13 Battery.....	10	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 14 Battery.....	3	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 15 Battery.....	6	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
No. 17 Battery.....	9	....	1	1	1	1	....	1	1	6	....	....	1	1	1	4	7
Totals.....	....	1	17	17	17	17	1	16	1	102	1	1	17	17	17	68	121

1895-96.

FIELD BATTERIES.

Corporals.	Bombardiers.	Collar-makers.	Whealers.	Shoeing-smiths.	Trumpeters.	Gunners.	Drivers.	Total Rank and File.	Total all Ranks.	HORSES.				Guns, Carriages and Limbers.	Ammunition Wagons.	Forge Wagons.	Store Wagons.	Total.	Remarks.
										Officers.	Riding.	Draught.	Total.						
8	8				3	67	46	132	160	12	16	32	60	8	†6	...	14	†4, old pattern.	
4	4				1	34	23	66	79	6	7	16	29	4	...	...	4	*Old pattern.	
4	4				1	34	23	66	79	6	7	16	29	4	*4	...	8		
4	4				1	34	23	66	79	6	7	16	29	4	...	...	4		
4	4				1	34	23	66	79	6	7	16	29	4	*4	1	9		
4	4				1	34	23	66	79	6	7	16	29	4	*4	1	2	11	
4	4				1	34	23	66	79	6	7	16	29	4	*4	1	9		
4	4				1	34	23	66	79	6	7	16	29	4	2	...	6		
4	4				1	34	23	66	79	6	7	16	29	4	*4	1	9		
4	4				1	34	23	66	79	6	7	16	29	4	*4	1	9		
4	4				1	34	23	66	79	6	7	16	29	4	...	...	4		
4	4				1	34	23	66	79	6	7	16	29	4	...	...	4		
4	4				1	34	23	66	79	6	7	16	29	4	*4	1	9		
4	4				1	34	23	66	79	6	7	16	29	4	*2	1	7		
4	4				1	34	23	66	79	6	7	16	29	4	...	...	4		
4	4				1	34	23	66	79	6	7	16	29	4	2	...	6		
68	68				18	577	391	1,122	1,345	102	121	272	495	68	40	6	3	117	

One each of these denominations per Battery included in the number of Gunners.

## ARTILLERY.

Corps.	Military District.	Lieut.-Colonel.	Majors.	Captains.	Lieutenants.	2nd Lieutenants.	Adjutant.	Quartermaster.	Surgeon.	(a)		Total Officers.	Regimental Sergeant-Major.
										Assistant Surgeon.	Paymaster.		
Halifax Battalion .....	9	1	4	4	8	4	1	1	1	.....	1	25	*1
British Columbia Battalion .....	11	1	6	6	12	6	1	1	1	1	1	36	*1
Montreal Battalion .....	5	1	3	3	6	3	1	1	1	1	1	21	*1
New Brunswick Battalion.....	8	1	1	5	5	5	1	1	1	1	1	22	1
Prince Edward Island Battalion.....	12	1	1	5	5	5	1	1	1	1	1	22	1
Quebec and Lévis Companies.....	7	.....	4	4	8	4	+1	1	1	.....	.....	22	1
Cobourg Company .....	3	.....	.....	1	1	1	.....	.....	.....	.....	.....	3	.....
Digby Company .....	9	.....	.....	1	1	1	.....	.....	.....	.....	.....	3	.....
Mahone Bay Company.....	9	.....	.....	1	1	1	.....	.....	.....	.....	.....	3	.....
Pictou Company.....	9	.....	.....	1	1	1	.....	.....	.....	.....	.....	3	.....
Yarmouth Company .....	9	.....	.....	1	1	1	.....	.....	.....	.....	.....	3	.....
Totals .....	.....	5	19	32	49	32	6	6	6	4	5	163	6

## ENGINEER.

—	Military District.	Major.	Captain.	Lieutenants.	Total Officers.	Company Sergeant-Major.
Charlottetown do .....	12	.....	1	2	3	.....
Totals .....	.....	1	2	6	9	1

1895-96.

GARRISON BATTALIONS AND COMPANIES.

Regimental Quarter-master-Sergeant.	Bandmaster.	Orderly-Room Sergeant.	Paymaster-Sergeant	Sergeants.	Total Sergeants of Regimental Staff and Sergeants.	Corporals.	Bombardiers.	Trumpeters.	Bandsmen.	Gunners.	Total Rank and File.	Total all Ranks.	Remarks.
1	1	1	1	16	21	16	16	4	24	320	380	426	* Permanent Staff of Active Militia. (a) To be absorbed.
1	1	1	1	24	29	24	24	6	24	480	558	623	
1	1	1	1	12	17	12	12	3	24	240	291	329	
1	1	1	1	10	15	15		5	20	155	195	232	
1	1	1	1	10	15	15		5	20	155	195	232	
1	1	1	1	16	21	16	12	4	18	302	* 352	395	
.....	.....	.....	.....	3	3	3	.....	1	.....	35	39	45	
.....	.....	.....	.....	3	3	3	.....	1	.....	35	39	45	
.....	.....	.....	.....	3	3	3	.....	1	.....	35	39	45	
.....	.....	.....	.....	3	3	3	.....	1	.....	35	39	45	
.....	.....	.....	.....	3	3	3	.....	1	.....	35	39	45	
6	6	6	6	103	133	113	64	32	180	1,827	2,166	2,462	

COMPANIES.

Company Quarter-master-Sergeant.	Sergeants.	Total Sergeants.	Corporals.	2nd Corporals.	Trumpeters.	Sappers.	Total Rank and File.	Total all Ranks.	Remarks.
1	5	7	6	6	1	80	93	106	
.....	3	3	3	.....	1	35	39	45	
1	8	10	9	6	2	115	132	151	

Corps.	Military District.	(a)										Total Officers.	(b)		
		Lieutenant-Colonels	Majors.	Captains.	Lieutenants.	2nd Lieutenants.	Adjutants.	Quarter-masters.	Surgeons.	Assistant-Surgeons.	Paymasters.		Regimental Serg't-Majors.	Regimental Quarter-master Serjeants.	Bandmasters.
G. G. Foot Guards.....	4	1	2	6	6	6	1	1	1	1	....	25	1	1	1
1st Battalion.....	5	1	2	6	6	6	1	1	1	1	1	26	1	1	1
2nd do .....	2	1	2	10	10	10	1	1	1	1	1	38	1	1	1
3rd do .....	5	1	2	6	7	6	1	1	1	1	1	27	1	1	1
5th do .....	5	1	2	6	6	6	1	1	1	....	1	25	1	1	1
6th do .....	5	1	2	6	6	6	1	1	1	1	1	26	1	1	1
7th do .....	1	1	2	6	6	6	1	1	1	1	1	26	1	1	1
8th do .....	7	1	2	6	6	6	1	1	1	1	...	25	1	1	1
9th do .....	7	1	2	8	8	8	1	1	1	1	1	32	1	1	1
10th do .....	2	1	2	10	10	10	1	1	1	1	1	38	1	1	1
11th do .....	5	1	2	8	8	8	1	1	1	1	1	32	1	1	1
12th do .....	2	1	3	8	8	8	1	1	1	....	1	31	1	1	1
13th do .....	2	1	2	8	8	8	1	1	1	1	1	32	1	1	1
14th do .....	3	1	2	6	6	6	1	1	1	....	1	25	1	1	1
15th do .....	3	1	2	6	6	6	1	1	1	1	1	26	1	1	1
16th do .....	3	1	2	6	6	6	1	1	1	....	1	25	1	1	1
17th do .....	7	1	1	4	4	4	1	1	1	....	1	18	1	1	1
19th do .....	2	1	2	6	6	6	1	1	1	....	1	25	1	1	1
20th do .....	2	1	2	7	7	7	1	1	1	1	1	29	1	1	1
21st do .....	1	1	1	5	5	5	1	1	1	....	1	21	1	1	1
22nd do .....	1	1	2	8	8	8	1	1	1	1	1	32	1	1	1
23rd do .....	7	1	1	4	4	4	1	1	1	....	1	18	1	1	1
25th do .....	1	1	1	4	4	4	1	1	1	1	1	19	1	1	1
26th do .....	1	1	2	8	8	8	1	1	1	....	1	31	1	1	1
27th do .....	1	1	2	7	7	7	1	1	1	1	1	29	1	1	1
28th do .....	1	1	2	6	6	6	1	1	1	1	1	26	1	1	1

(a) As provisionally appointed officers rank as 2nd lieutenants, the number of this rank may amount to more than are here stated, the establishment of captains and lieutenants being in that case reduced to proportion.

Establishments, 1895-96.

Sergeant Instructors.	Sergt. Drummers, Buglers or Pipers.	Orderly-Room Sergeants.	Paymaster Sergeants.	Hospital Sergeants.	Sergeants.	Total Serg. of Regimental Staff and Sergeants.	Corporals.	Drummers or Buglers.	Bandsmen.	Privates.	Total Rank and File.	Total all Ranks.	HORSES.			Wagons.
													Officers.	Draught.	Total.	
1	1	1	1	.....	19	26	18	12	30	258	318	369	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	278	4	.....	4	.....
.....	1	1	1	.....	24	30	30	10	30	320	390	458	4	.....	4	.....
.....	1	1	1	.....	13	19	19	6	24	196	245	291	4	.....	4	.....
.....	2	1	1	..	11	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	278	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	278	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	.....	18	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	.....	24	30	30	10	30	320	390	458	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	367	4	.....	4	.....
.....	1	1	1	.....	18	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	278	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	.....	12	18	12	4	12	128	156	192	3	.....	3	.....
.....	1	1	1	1	11	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	1	8	15	15	5	15	160	195	231	3	.....	3	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	5	12	12	4	12	128	156	186	3	.....	3	.....
.....	1	1	1	.....	6	12	12	4	16	124	156	187	3	.....	3	.....
.....	1	1	1	1	17	24	24	8	24	256	312	367	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....

(b) No fresh appointments are to be made, and no acting appointments are allowed.

Corps.	(a)												(b)		Regimental Serg't-Majors.	Regimental Quartermaster Ser-geants.	Bandmasters.
	Military District.	Lieutenant-Colonels.	Majors.	Captains.	Lieutenants.	2nd Lieutenants.	Adjutants.	Quartermasters.	Surgeons.	Assistant-Surgeons.	Paymasters.	Total Officers.					
29th Battalion.....	1	1	2	6	6	6	1	1	1	....	1	25	1	1	1		
30th ".....	1	1	2	10	10	10	1	1	1	1	1	38	1	1	1		
31st ".....	2	1	2	8	8	8	1	1	1	1	1	32	1	1	1		
32nd ".....	1	1	2	8	8	8	1	1	1	1	1	32	1	1	1		
33rd ".....	1	1	2	9	9	9	1	1	1	1	1	35	1	1	1		
34th ".....	2	1	2	7	7	7	1	1	1	1	1	29	1	1	1		
35th ".....	2	1	2	8	8	8	1	1	1	1	1	32	1	1	1		
36th ".....	2	1	2	8	8	8	1	1	1	1	1	32	1	1	1		
37th ".....	2	1	2	7	7	7	1	1	1	1	1	29	1	1	1		
38th ".....	2	1	2	6	6	6	1	1	1	1	1	26	1	1	1		
39th ".....	2	1	2	8	8	8	1	1	1	....	1	31	1	1	1		
40th ".....	3	1	2	8	8	8	1	1	1	1	1	32	1	1	1		
41st ".....	4	1	2	6	6	6	1	1	1	1	1	26	1	1	1		
42nd ".....	4	1	2	6	6	6	1	1	1	1	....	25	1	1	1		
43rd ".....	4	1	1	4	4	4	1	1	1	1	1	19	1	1	1		
44th ".....	2	1	2	7	7	7	1	1	1	1	1	29	1	1	1		
45th ".....	3	1	2	6	6	6	1	1	1	1	1	26	1	1	1		
46th ".....	3	1	2	6	6	6	1	1	1	....	1	25	1	1	1		
47th ".....	3	1	2	9	9	9	1	1	1	1	1	35	1	1	1		
48th ".....	2	1	2	8	8	8	1	1	1	1	...	31	1	1	1		
49th ".....	3	1	2	6	6	6	1	1	1	1	....	25	1	1	1		
50th ".....	5	1	1	4	4	4	1	1	1	..	1	18	1	1	1		
51st ".....	5	1	2	6	6	6	1	1	1	....	1	25	1	1	1		
52nd ".....	6	1	2	7	7	7	1	1	1	1	1	29	1	1	1		
53rd ".....	6	1	1	4	4	4	1	1	1	....	1	18	1	1	1		
54th ".....	6	1	2	6	6	6	1	1	1	...	1	25	1	1	1		

(a) As provisionally appointed officers rank as 2nd lieutenants, the number of this rank may amount to more than are here stated, the establishment of captains and lieutenants being in that case reduced in proportion

Establishments, 1895-96—Continued.

Sergeant Instructors.	Sergeant Drummers, Buglers or Pipers.	Orderly Room-Sergeants.	Paymaster Sergeants.	Hospital Sergeants.	Sergeants.	Total Sergeants of Regimental Staff and Sergeants.	Corporals.	Drummers or Buglers.	Bandsmen.	Privates.	Total Rank and File.	Total all Ranks.	HORSES.			
													Officers.	Draught.	Total.	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	23	30	30	10	30	320	390	458	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	20	27	27	9	27	288	351	413	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	278	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	367	4	.....	4	.....
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	.....	12	18	12	4	16	168	200	237	3	.....	3	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	20	27	27	9	27	288	351	413	4	.....	4	.....
.....	1	1	1	.....	18	24	24	8	24	256	312	367	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	5	12	12	4	12	128	156	186	3	.....	3	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	.....	12	18	12	4	16	168	200	236	3	.....	3	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....

(b) No fresh appointments are to be made, and no acting appointments are allowed.

## INFANTRY and Rifles

Corps.	Military District.		Lieutenant-Colonels.	Majors.	Captains.	Lieutenants.	2nd Lieutenants.	Adjutants.	Quartermasters.	Surgeons.	(b)		Total Officers.	Regimental Sergeant-Majors.	Regimental Quartermaster-Sergeants.	Bandmasters.
	1	2									Assistant-Surgeons.	Paymasters.				
55th Battalion.....	7	1	2	6	6	6	1	1	1	....	1	25	1	1	1	
56th " .....	4	1	2	7	7	7	1	1	1	1	1	29	1	1	1	
57th " .....	3	1	2	6	6	6	1	1	1	....	1	25	1	1	1	
58th " .....	6	1	2	10	10	10	1	1	1	1	1	38	1	1	1	
59th " .....	4	1	2	7	7	7	1	1	1	1	1	29	1	1	1	
60th " .....	6	1	2	6	6	6	1	1	1	....	1	25	1	1	1	
61st " .....	7	1	2	6	6	6	1	1	1	1	1	26	1	1	1	
62nd " .....	8	1	2	6	6	6	1	1	1	1	....	25	1	1	1	
63rd " .....	9	1	2	6	6	6	1	1	1	1	1	26	1	1	1	
64th " .....	5	1	1	5	5	5	1	1	1	1	....	21	1	1	1	
65th " .....	5	1	2	8	8	8	1	1	1	1	1	32	1	1	1	
66th " .....	9	1	2	8	8	8	1	1	1	1	1	32	1	1	1	
67th " .....	8	1	2	9	9	9	1	1	1	....	1	34	1	1	1	
68th " .....	9	1	2	9	9	9	1	1	1	1	1	35	1	1	1	
69th " .....	9	1	2	9	9	9	1	1	1	1	5	35	1	1	1	
70th " .....	7	1	2	6	6	6	1	1	1	1	1	26	1	1	1	
71st " .....	8	1	2	7	7	7	1	1	1	....	1	28	1	1	1	
72nd " .....	9	1	2	6	6	6	1	1	1	1	1	26	1	1	1	
73rd " .....	8	1	1	5	5	5	1	1	1	....	1	21	1	1	1	
74th " .....	8	1	2	6	6	6	1	1	1	1	1	26	1	1	1	
75th " .....	9	1	2	6	6	6	1	1	1	....	1	25	1	1	1	
76th " .....	5	1	2	6	6	6	1	1	1	....	1	25	1	1	1	
77th " .....	2	1	2	6	6	6	1	1	1	....	....	24	1	1	1	

(a) As provisionally appointed officers rank as 2nd lieutenants, the number of this rank may amount to more than are here stated, the establishment of captains and lieutenants being in that case reduced in proportion.

Establishments, 1895-96—Continued.

Sergeants Instructors.	Sergeant Drummers, Buglers or Pipers.	Orderly-Room Sergeants.	Paymaster Sergeants.	Hospital Sergeants.	Sergeants.	Total Sergeants of Regimental Staff and Sergeants.	Corporals.	Drummers or Buglers.	Bandsmen.	Privates.	Total Rank and File.	Total all Ranks.	HORSES.			
													Officers.	Draught.	Total Horses.	Wagons.
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	1	23	30	30	10	30	320	390	458	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	277	4	.....	4	.....
.....	1	1	1	.....	12	18	18	6	24	186	234	278	4	.....	4	.....
.....	1	1	1	1	8	15	15	5	15	160	195	231	3	.....	3	.....
.....	1	1	1	.....	18	24	24	8	24	256	312	368	4	.....	4	.....
.....	1	1	1	.....	32	38	32	16	30	520	598	668	4	.....	4	.....
.....	1	1	1	1	20	27	27	9	27	288	351	412	4	.....	4	.....
.....	1	1	1	1	20	27	27	9	27	288	351	413	4	.....	4	.....
.....	1	1	1	1	20	27	27	9	27	288	351	413	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....
.....	1	1	1	1	14	21	21	7	21	224	273	322	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....
.....	1	1	1	1	8	15	15	5	15	160	195	231	3	.....	3	.....
.....	1	1	1	1	11	18	18	6	18	192	234	278	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....
.....	1	1	1	1	11	18	18	6	18	192	234	276	4	.....	4	.....

(b) No fresh appointments are to be made, and no acting appointments are allowed.

## INFANTRY and Rifles

Corps.																
	Military District.	Lieutenant-Colonels.		Majors.	Captains.	Lieutenants.	(a)			(b)		(b)	Total Officers.	Regimental Sergeant-Majors.	Regimental Quartermaster-Sergeants.	Bandmasters.
78th Battalion.....	9	1	2	7	7	7	1	1	1	1	1	1	29	1	1	1
79th do .....	6	1	2	7	7	7	1	1	1	1	1	1	29	1	1	1
80th do .....	6	1	2	6	6	6	1	1	1	....	1	1	25	1	1	1
81st do .....	7	1	2	6	6	6	1	1	1	....	1	1	25	1	1	1
82nd do .....	12	1	2	7	7	7	1	1	1	1	1	1	29	1	1	1
83rd do .....	5	1	2	6	6	6	1	1	1	1	....	1	25	1	1	1
84th do .....	6	1	2	6	6	6	1	1	1	1	1	1	26	1	1	1
85th do .....	5	1	2	6	6	6	1	1	1	1	1	1	26	1	1	1
86th do .....	5	1	2	6	6	6	1	1	1	1	1	1	26	1	1	1
87th do .....	7	1	2	6	6	6	1	1	1	1	1	1	26	1	1	1
88th do .....	7	1	2	6	6	6	1	1	1	1	1	1	26	1	1	1
89th do .....	7	1	2	8	8	8	1	1	1	1	1	1	32	1	1	1
90th do .....	10	1	2	8	8	8	1	1	1	1	1	1	32	1	1	1
92nd do .....	7	1	1	4	4	4	1	1	1	....	....	....	17	1	1	1
93rd do .....	9	1	1	6	6	6	1	1	1	....	1	....	24	1	1	1
94th do .....	9	1	2	6	6	6	1	1	1	....	....	....	24	1	1	1
96th do .....	10	1	2	3	3	3	1	1	1	....	....	....	15	1	1	1
Brandon Infantry Co.....	10	....	....	1	1	1	....	....	....	....	....	....	3	....	....	....
Gore Bay Rifle Co .....	2	....	....	1	1	1	....	....	....	....	....	....	3	....	....	....
Nanaimo Infantry Co .....	11	....	....	1	1	1	....	....	....	....	....	....	3	....	....	....
St. John Rifle Co.....	8	....	....	1	1	1	....	....	....	....	....	....	3	....	....	....
Sault Ste. Marie Rifle Co....	2	....	....	1	1	1	....	....	....	....	....	....	3	....	....	....
Thessalon Rifle Co .....	2	....	....	1	1	1	....	....	....	....	....	....	3	....	....	....
Total Infantry.....	....	92	173	615	616	615	92	92	92	61	80	2528	92	92	92	92

(a) As provisionally appointed officers rank as 2nd lieutenants, the number of this rank may amount to more than are here stated; the establishment of captains and lieutenants being, in that case, reduced in proportion.

Establishments, 1895-96—*Concluded.*

	Sergeant Instructors.	Sergeant Drummers, Buglers or Pipers.	Orderly-Room Sergeants.	Paymaster Sergeants.	Hospital Sergeants.	Sergeants.	Total Sergeants of Regimental Staff and Sergeants.	Corporals.	Drummers or Buglers.	Bandsmen.	Privates.	Total Rank and File.	Total all Ranks.	HORSES.			Wagons.
														Officers.	Draught.	Total Horses.	
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....	
.....	1	1	1	1	14	21	21	7	21	224	273	323	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	14	21	21	7	21	224	273	223	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	277	4	.....	4	.....	
.....	1	1	1	1	17	24	24	8	24	256	312	368	4	.....	4	.....	
.....	1	1	1	.....	24	30	24	8	24	344	400	462	3	.....	4	.....	
.....	1	1	1	1	5	12	12	4	12	128	156	185	3	.....	3	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	276	3	.....	3	.....	
.....	1	1	1	1	11	18	18	6	18	192	234	276	3	.....	3	.....	
.....	1	1	1	1	2	9	9	3	9	96	117	141	3	.....	3	.....	
.....					3	3	3	1	.....	35	39	45	.....	.....	.....	.....	
.....					3	3	3	1	.....	35	39	45	.....	.....	.....	.....	
.....					3	3	3	1	.....	35	39	45	.....	.....	.....	.....	
.....					3	3	3	1	.....	35	39	45	.....	.....	.....	.....	
.....					3	3	3	1	.....	35	39	45	.....	.....	.....	.....	
.....					3	3	3	1	.....	35	39	45	.....	.....	.....	.....	
1	93	92	92	66	1272	1892	1854	629	1941	20118	24542	28962	355	.....	355	.....	

(b.) No fresh appointments are to be made, and no acting appointments allowed.

## (APPENDIX I.)

## RETURN of Musketry in District Camps, 1894-95.

Military District and Site of Camp.	Corps.	Corps figure of merit.	Rank and Name of Best Shot.	Score.	Remarks.
No. 1, London.	1st Hussars.....	16·30	Sergt.-Maj. Leighton.....	34	Best shot in camp.
	21st Battalion.....	31·30	Sergt. Gordon.....	71	
	22nd do.....	32·80	Pte. B. McMahon.....	66	
	27th do.....	23·44	Pte. Roland Jones.....	55	
	29th do.....	30·54	Pte. R. Moore.....	70	
No. 2, Niagara.	2nd Dragoons.....	34·09	Sergt. Brooker.....	71	
	12th Battalion.....	35·03	Col.-Sergt. Ferguson.....	72	
Whitby.....	34th do.....	34·07	Sergt. Davidson.....	61	
Orillia.....	35th do.....	35·03	Sergt. Peak.....	69	
Beeton.....	36th do.....	29·03	Corporal D. Wanless.....	69	
Niagara.....	37th do.....	28·05	Sergt. Harchmer.....	67	
	77th do.....	39·04	Pte. English.....	74	Best shot in camp.
	40th do.....	28·04	Pte. T. Richardson.....	71	Equal.
Nos. 3 and 4 Kingston.	46th do.....	31·90	{ Sergt. T. Boden..... Pte. F. Atkins..... }	63	
	49th do.....	32·19	Pte. J. Bowen.....	70	Best shot in camp.
	56th do.....	52·75	Sergt. S. F. Lindsay.....	75	
No. 5, Laprairie.	3rd Dragoons.....				Best shot in camp.
	4th Hussars.....				
	6th do.....	36·34	Corp. Johnson.....	65	
	64th Battalion.....	20·19	Pte. B. Giroux.....	52	
	76th do.....	14·36	Pte. A. Harel.....	47	
No. 6, Richmond, Que.	83rd do.....	17·02	Sergt. W. Sharp.....	52	Best shot in camp.
	86th do.....	19·08	Pte. A. Boucher.....	50	
	5th Dragoons.....				
	54th Battalion.....	32·38	Pte. H. Ward.....	66	
No. 7, Levis.	58th do.....	30·83	Pte. A. McKenzie.....	62	Best shot in camp.
	79th do.....	43·80	Corp. Willey.....	68	
	Queen's Own Canadian Hussars.....				
	23rd Battalion.....	24·59	Pte. J. Laprise.....	56	
	61st do.....	20·07	Pte. W. Bisette.....	62	
No. 8, Sussex, N.B.	70th do.....	24·88	Pte. A. Brousseau.....	58	Best shot in camp.
	89th do.....	24·54	Pte. J. H. Hogg.....	64	
	8th P.L.N.B. Hussars.....	38·39	Sergt. A. C. Teed.....	62	
	73rd Battalion.....	23·16	Pte. W. Dick.....	62	
No. 9, Wilmot.	74th do.....	34·47	Sergt. J. Clark.....	68	Best shot in camp.
	72nd do.....	42·97	Sergt. M. Vidito.....	67	
Shubenacadie.....	78th do.....	36·95	{ Sergt. Steven, Ptes. Creigh- ton, Creighton, McLean }	66	4 equal.
Parrsborough.....	93rd do.....	52·41	Sergt. J. H. Letcher.....	74	Best shot in camp.
Baddeck.....	94th do.....	36·34	Pte. J. C. McNeill.....	67	
No. 12, Charlottetown, P.E.I.	82nd do.....	57·52	Sergt. J. M. Crockett.....	77	do do

M. AYLMEY, Lt.-Colonel,  
Asst. Adjutant General.

## (APPENDIX J.)

THE COMMANDANT'S REPORT ON THE ROYAL MILITARY COLLEGE  
OF CANADA FOR THE YEAR 1894-95.

Before entering on the subject of the work done at the Royal Military College, it appears desirable that there should be made a few prefatory remarks which—if not immediately bearing on the responsibilities affecting the staff of the College,—are calculated to remove some prevalent misconceptions as to the national interests involved in the maintenance and development of the institution, for these misconceptions are opposed to the country's interest.

Theoretically the defensive militia system of Canada aims at imparting a fairly adequate military training—by a few short annual drills,—successively to as many of the available male population of the country as possible; contemplating that, by this method, an efficient result may be attained economically, and with the least disturbance to the civil occupations of the people.

It needs but a moment's reflection on the part of those familiar with military requirements, to arrive at the conclusions that while this arrangement, if carried out with thoroughness, is well adapted to accomplish the object in view, it does not supply a sufficient provision for adequately trained officers.

The annual militia trainings intended to make a large reserve of men qualified for duties in the ranks, do not, and cannot afford opportunities for the adequate instruction of a corresponding reserve of officers whose services would be needed were the reserves to be called upon in the case of defensive mobilisation being necessary.

It is probable that no more at most than a bare sufficiency of officers qualified to fill regimental posts in the first corps to be called upon, would be available on a national emergency.

Were there no other means than the annual trainings adopted to provide officers, there would almost certainly arise extreme difficulties, threatening disastrous confusion, in marshalling and handling the Canadian forces.

This consideration it is which rendered it imperative in the national interests to establish the Royal Military College.

Its objects are to impart the higher military knowledge—elsewhere in this country inaccessible—necessary to the full efficiency of even regimental officers, but absolutely indispensable in the discharge of the great number of staff duties associated with the administration and handling of an army in the field; and, by imparting this knowledge, not alone to aid the militia undergoing training, but to prepare the foundation of a reserve of officers corresponding to the active service needs of the reserve of trained men, and the requirements of extra regimental posts so numerous and so vitally essential in war operations.

Men may be trained for the ranks with facility and expedition compared with the time and application required for imparting instruction to those who are to discharge regimental and staff duties.

In the improbable contingency that—preceding the actual outbreak of war—a few months in which to organize the ranks were available, it is most likely that the patriotism of the people might go far to remedy preceding neglect in drill training, but no sense of patriotism, and no zeal on the part of the people or of the authorities could possibly remedy the evil of not having ready and available a reserve of men who

had been educated in the principles upon which the discharge of higher military and staff duties are founded.

A system of national defence which provides drilled men, but ignores the efficient training of officers, creates, it may be, a lull,—but ensures a cruel time of reckoning.

Nationally valuable as are the services of the Royal Military College, the number of students who annually pass out from it is altogether insufficient to meet the requirements of the defensive system of the country already referred to.

Not merely is any increase in the expenditure on the college opposed, but reduction is loudly called for by those who estimate its importance by vague and crude ideas of military requirements. On the other hand, from the absence of correct conceptions on the part of the public, generally, as to the essential purpose to be served by the college—public support is not given to any proposals tending to remedy the insufficiency of candidates for admission to the college. Indeed, so far have these mistaken views spread that there may now be heard complaints of the Royal Military College and the militia schools of instruction absorbing much more than a due share of public funds to the disadvantage of the militia organisation generally.

It would be foreign to a report on the Royal Military College to introduce the question of the outlay on permanent corps militia schools of military instructions. They are, however, coupled with the Royal Military College in the public view—apparently for no better reason than that both are known as “military schools.”

The permanent corps schools in some form are necessary, and their present organization appears to be highly useful. But the ground occupied by the Military College, by the permanent corps schools of instruction, and by the annual militia trainings is wholly distinct in each case.

The two most powerful influences preventing a much wider competition for entrance to the Royal Military College are: (1.) The education of the cadets here presents a very narrow field, so that in the event of a graduate failing to secure one of the four commissions given annually by the Imperial authorities, his choice of a civil profession is extremely limited, and, in this respect, the prospect opened by an university course of studies is far brighter.

(2.) The cost of instruction at the college seems to most parents, out of proportion large, and especially is this the case when it is present to their minds, in the event of their sons failing to secure one of the four Imperial service commissions given annually, that much most valuable time would be wasted in studies of a technical military character, probably unconnected with the knowledge the sons might need to aid them in civil life.

It is most likely that, to quite an appreciable extent, loss of candidates for admission to the college takes place in consequence of its existence and character not being brought under the notice of parents by advertisement and otherwise.

A temporary cause too appears to be operative at the present time. It is understood that pupils at residential schools throughout Canada generally, are fewer than usual. If this be correct, it would point to some degree of general financial depression affecting the choice of parents.

Were the college course of studies so changed, that after gaining a “military qualification certificate,” a cadet might then select such branches of study as were best calculated to advance his knowledge in some chosen civil profession,—the first suggested cause of insufficient candidature for entrance might be expected to lose much of its effect; and this without impairing the aim and the usefulness of the institution from a military point of view.

Again the greater attractiveness to students in the wider field of education presented by universities might be met by some reduction in the Royal Military College fees. Since the cadets come from points widely scattered throughout the Dominion, any effect produced by such a reduction of fees could not possibly operate to any appreciable extent in competition with any named civil school or university.

Passing on to the College work of the year:

Progress in studies during the past year has generally been highly satisfactory.

The following figures show the average—for each cadet—of marks gained in the several classes during the past four years :—

Year.	4th Class.	3rd Class.	2nd Class.	1st Class.
1891-92 .....	4,510	7,593	9,955	15,042
1892-93 .....	3,693	9,260	10,685	15,203
1893-94 .....	4,315	8,240	15,177	18,307
1894-95 .....	4,192	9,382	9,763	22,264

Excluding the class which joined in 1892, a most satisfactory and very marked improvement is shown in the work done.

The class of 1892—the present 2nd class—with averages successively

Of 3,693 in 1893 ;

8,240 in 1894 ;

And 9,763 in 1895,

Has not practically improved on the standard of 1891-92.

In pleasing contrast with the unfortunate absence of success on the part of this exceptional class, is the steady and decided advance shown by the successive first classes.

In these the average records of each member have been :

In 1892, 15,042.

In 1893, 15,203.

In 1894, 18,307.

And this year, 22,264.

The marks gained in the full four years' course by the junior member of the present graduating class are 48,228.

In the fifteen years during which the college has been passing out graduates there have been only seventeen instances in which a graduate has made a higher record than the junior graduate of this year.

Only once—by Mr. Vercoe, in 1892—have the records of the three senior graduates of this year been exceeded.

Mr. Vercoe scored..... 56,458.

This year Com.-Sergt. Major Frith, gains 56,331.

Bn. Sergt. Major Wilkes, do 56,266.

Co. Sergt. Major Hayter, do 55,580.

Excepting only the three years 1883, 1892 and 1884,——the *average* score of graduates of this year is higher than the score of the *leading* graduate of any previous year since the establishment of the college.

On no previous occasion has there been an "honour list" comparable with this year's.

Every member of the 1st class graduates with honours.

The conduct of the Cadets has been generally satisfactory.

A regrettable but fortunately exceptional case of indiscipline happened at the commencement of the year.

The occurrence gave rise to very exaggerated and even wholly untruthful reports of what took place.

Unjust and mischievously thoughtless—if not malicious assertion and criticism were indulged in to the injury of the reputation of the College.

A serious breach of discipline did take place, but not of a savage or brutal kind.

The case was described as one of extreme hazing,—but *hazing*, as popularly understood, implies the existence of a system in which irresponsible authority is conceded by custom to the seniors over the juniors.

Nothing of the kind prevails here.

All are perfectly aware of, and, with a few regrettable exceptions, appreciate the circumstance that self-control and honourable submission to regulations for their common welfare are disciplinary lessons which are deemed of first importance at the Royal Military College.

The Medical Officer has had to report but one serious case of illness during the year.

This case originated at the Cadet's home, to which he returned for treatment. No serious injury has happened to any of the Cadets.

During their first three months of residence here, the recruit class Cadets increased in weight from 4 to 24½ pounds.

The Graduating Class whose physique was fair on joining, have added on the average 18,  $\frac{1}{10}$  pounds in weight; 1¼ inches to stature and 1,  $\frac{7}{8}$  inches to chest measurement.

The addition to weight has varied between the extremes of 9½ and 28 pounds; in height between ½ an inch and 2½ inches, and in chest measurement between ½ an inch and 3 inches.

With one exception the smallest of the class has appropriated to himself the greatest share of growth in every direction.

During the period of preparation for examination just closed, every member of the class lost weight, varying from 3 to 9½ pounds.

The installation of electric lighting has proved advantageous, and meets with the medical officer's approval.

No injury to eyesight has been experienced from the lighting.

It facilitates regulation of temperature in the rooms—gives off no noxious vapours—and is perfectly cleanly.

The healthful state of the Cadets indicates the favourable character of the conditions of their living here—in respect of study, recreation, clothing, food and shelter.

A number of officers of the militia attended here, this year as usual, a course of instruction in—

Reconnaissance,  
Surveying,  
Tactics,  
Strategy,  
Military Engineering and  
Military Administration.

The course is one of special advantage to the officers,—affording, as it does, an opportunity not otherwise obtainable by them in Canada, to qualify for the performance of very important duties on active service.

The officers attending the classes evince marked appreciation of the opportunity afforded to them, and in their 14 weeks or so of study, make very satisfactory and highly creditable progress.

In addition to the obligatory subjects of the course, others are voluntarily taken by some of the officers.

The Cadet course in Military Law was thus followed by two of the officers this year with highly creditable results.

All passed satisfactorily in the obligatory sections:—

2nd. Lieut. G. McDermott, 41st Battalion, attaining distinction in each of the six subjects.

Lieut. C. A. H. Maclean, 48th Battalion, distinction in five of the subjects.

Capt. A. R. Sweatman, 10th Battalion, and Lieut. R. A. Cockburn, 3rd Dragoons, attained distinction in four of the subjects.

Lieut. Alex. Maclean, 43rd Battalion, and Lieut. J. N. S. Lesslie, 3rd Battalion, in two subjects.

Captain Huskisson, Royal Engineers, after five years as Professor in Military Engineering, has terminated his connection with the College.

Efficient and zealous as a public servant here, and warmly appreciated as associate, instructor, and friend—the Staff and Cadets regretting his departure, heartily unite in wishing him a prosperous and happy future.

Of the College Staff generally, it may be said—without, in any degree detracting from the very great credit due to the individual efforts of the members of the graduating class—that the exceptionally high standard attained by these, could not have been reached had they been without zealous, capable, and appreciated guides and instructors.

From references already made to the graduating class, it will not be matter of surprise if before closing these remarks, I make some attempt to give expression to the feeling with which the staff and all connected with the College, are about to bid its members farewell.

The prizes for which these gentlemen have been competing, include amongst them—in four cases—provision for life, under conditions of the most delightful character, embracing the happiest social prospects with great probability of recurring opportunities for gratifying one of the highest and noblest of ambitious, being foremost in defence of one's Queen and country.

Incentives such as these may have been amply sufficient in themselves to account for supreme efforts, amongst the competitors in study; but beyond the sphere of these motives, the members of the graduating class have displayed by their deportment, their appreciation of the conditions of studentship, their gentlemanly bearing and honourable spirit, every characteristic that could be desired and admired in Cadets of the Royal Military College.

I would assure them from the Staff and myself that our regret at parting with them is of no ordinary kind.

Our solace is that they must leave behind them an example of enduring advantage to us, and that they cannot fail in their future careers to command success and to enjoy with us the satisfaction of their continuing to reflect the highest credit on their Alma Mater.

The various professors brought specially under my notice the great credit due to many of the cadets for the share they have taken in maintaining the reputation of the Colleges—with the subjoined remarks.

### *Mathematics.*

#### 4th Class—

In view of the disadvantage of joining the College with very unequal attainments, it is considered that this class has made fair progress.

Gentlemen Cadets G. Denison and A. Smith, have shown exceptional ability; and L. Sherwood and F. Hunter, have attracted notice by their application and zeal.

#### 3rd Class—

In this class, in which higher mathematics may be said to be first entered, Gentlemen Cadets J. Anderson, F. Carr-Harrison and A. Doucet, have specially distinguished themselves. The professor remarks, "I have never read more perfect answer papers than those of Cadets Anderson and Doucet upon the Differential and Integral Calculus—the first named obtaining 100 per cent and the next 98 per cent."

It is apparent from the professor's statement that Gentleman Cadet Anderson's feat cannot have been excelled in the history of the college: while almost as high praise is due to Cadet Doucet.

#### 2nd Class—

Sergeant A. Evans, Corporal G. Kirkpatrick, Gentleman Cadet G. Hardie, are deserving of special mention as possessed of high ability.

#### 1st Class—

The professor notes:—"The excellent qualifications of this class have caused me unalloyed pleasure in meeting it in each successive year. Its members graduate with very high attainments in mathematics."

Battalion Sergeant Major Wilkes is possessed of the very best mathematical ability, and well deserves his hard earned standing.

Sergeant Cory, Company Sergeant Major N. Ridout and Company Sergeant Major Inksetter deserve high commendation, also Company Sergeant Major Hayter, who took first place in Astronomy, one of the most difficult branches of the course.

*Military Engineering.*

## 4th Class.—

Gentlemen Cadets, R. Mosgrove, H. Hammersley, J. O'Connor and A. C. H. Dean, have paid close attention to their studies and worked hard throughout the term—the last named in a marked degree, for he joined the College two months later than the others, yet now stands third in his class.

Gentlemen Cadets, F. Hunter, G. Denison and A. Smith, are noted for their excellence under examination.

## 3rd Class.—

Gentlemen Cadets, A. Doucet, W. Anderson, F. Carr-Harris and W. Moore, have earned special commendation for works throughout the year—and Gentleman Cadet J. Stairs, for excellence in examinations.

## 2nd Class.—

While the progress of the class generally has been satisfactory—all having qualified—Sergeant C. Stephen is noted as having specially excelled and being comparable with the best of the 2nd class of 1893 and 1894.

## 1st Class.—

Sergeant J. W. Osborne gains first place for the year in a class universally commended for ability and application. It was mentioned in connection with the last year's graduates, that Sergeants Beer and G. Osborne had not been surpassed in this branch of their studies within recent years; now, Company Sergeant Major Frith is within 98 of equalling Sergeant Beer's score, and is closely followed by Company Sergeant Major Hayter. The average marking of the members of this class is 72 per cent of full marks in the four years course.

*Practical Geometry and Engineering Drawing.*

## 4th Class.—

This class has made marked progress—two-thirds of its members being specially commended for their work and application.

## 3rd Class.—

The work of this class has been exceptionally satisfactory, and Gentleman Cadets A. Doucet, G. Brown, W. Anderson, J. Bogart and F. Carr-Harris, have earned special mention.

## 2nd Class.—

The subject in this class, i. e., Practical Geometry and Engineering Drawing, is voluntary, and has practically been passed by. In the obligatory sections, completed last year, Sergt. A. Evans, Sergt. C. Stephen and Corporal F. Leach, lead.

*Artillery—Theoretical.*

## 3rd Class.—

The work of the class has been thoroughly satisfactory, Gentleman Cadet A. Doucet, who won 93 per cent of full marks, and Gentleman Cadets W. Anderson and W. Moore have specially distinguished themselves in the obligatory sections.

*Artillery—Practical.*

## 3rd Class.—

This class is one of quite exceptional merit; and Gentleman Cadets J. Stairs, F. Carr-Harris and A. Doucet have won expression of the highest approval.

## 2nd Class.—

Not satisfactory; but Sergeant C. Stephen and Corporal G. Kirkpatrick merit special mention for their efficiency.

*Military Law.*

3rd Class.—

Thoroughly satisfactory. The average marks scored were 71.5 per cent of full marks. Gentleman Cadet W. Moore and Gentleman Cadet A. Doucet each scored 88 per cent of full marks. Gentleman Cadet F. Carr-Harris gained 86 per cent.

*Peace Administration.*

3rd Class.—

Highly satisfactory. The following gentlemen cadets each counted over 90 per cent of full marks: G. Brown, J. Bogart, J. Stair, A. Doucet.

*Strategy and Tactics.*

3rd Class.—

Very satisfactory. Eight of the members of the class have secured over 80 per cent of full marks. Gentlemen Cadets F. Carr-Harris, A. Doucet and W. Anderson are deserving of special mention.

2nd Class.—

On the whole has worked well and steadily; six of its number each obtained over 80 per cent of full marks. Corporal C. Wood is singled out for exceptional proficiency. He gained 92 per cent of full marks. Sergeant A. S. Evans, Sergeant W. Cantlie and Corporal Kirkpatrick deserve special commendation.

1st Class.—

Highly satisfactory. All but one of the class gained over 80 per cent of full marks, and all deserve the highest commendation.

*War Administration.*

1st Class.—

Highly satisfactory, the following members being deserving of special mention:—Company Sergeant-Major G. R. Frith and Sergeant J. W. Osborne, who won over 80 per cent of full marks, closely followed by the rest of the class, none of whom took under 77 per cent of full marks.

*Reconnaissance.*

2nd Class.—

Highly satisfactory. Nine members of the class each gained over 75 per cent of full marks. Corporal F. E. Leach leads with 94 per cent of full marks. Sergeant C. Stephen and Corporal G. Kirkpatrick have also elicited high praise.

1st Class.—

Highly satisfactory. Sergeant G. N. Cory, Company Sergeant-Major G. R. Frith, and Sergeant E. Brown each won over 80 per cent of full marks.

*Surveying and Military Topography.*

3rd Class—Satisfactory.

Having gained over 80 per cent of full marks; the following well deserves special mention:—Gentlemen Cadet, W. B. Anderson, with 97 per cent, A. Doucet and F. Carr-Harris.

2nd Class—

Passable with signs of improvement. Amongst the class, deserving special approval are: Sergeant A. Evans, Sergeant C. M. Stephen, Corporal J. H. Parks.

1st Class—

Highly satisfactory. Without exception the members have shown most praiseworthy zeal and marked ability. In the course of Surveying and Military Topography combined over 79½ per cent of full marks, in the three years, were gained by Company Sergeant-Major, G. R. Frith; Sergeant, G. N. Cory; Batt. Sergeant-Major G. S. Wilkes, and Compy, Sergeant-Major R. J. Hayter.

While the class secured in voluntary sections the quota of marks required to qualify for the record of "distinguished" on their diplomas.

*French.*

The Professor brings specially under favourable notice the following :—

4th Class—

Gentleman Cadets V. Beaudry, H. Skinner, F. Hunter, G. Denison.

3rd Class—

Gentlemen Cadets A. Doucet, H. LaRocque, F. Carr-Harris, W. Anderson, H. Tobin, F. Courtney.

2nd Class—

Sergeant A. Evans ; Corporal G. Kirkpatrick ; Sergeant W. Cantlie ; Cadet A. Wilby.

1st Class—

All the members of whom the Professor remarks : " They have never ceased from the moment they joined the College up to the present time to give me the greatest satisfaction by their gentlemanly conduct, application and intelligence. The least successful amongst them has scored 86 per cent of full marks during the present term—a circumstance unparalleled since I have been connected with the College."

*English Literature.*

4th Class—

Very promising. The following members are specially commended : Gentlemen Cadets F. Hunter, R. Mosgrove, H. Skinner, L. Sherwood and G. Denison.

3rd Class.—

Fairly satisfactory. Gentlemen Cadets A. Doucet and F. Carr-Harris, are noted as most proficient.

2nd Class—

Satisfactory. Commended for their examination work, and the uniform steadiness and intelligence displayed by them throughout the year, are:—Sergeant A. Evans ; Corporal G. Kirkpatrick, Sergeant F. Lafferty ; Gentleman Cadet G. Hardie ; Sergeant W. Cantlie ; Sergeant R. Alexander and Sergeant C. Stephen.

1st Class—

Very satisfactory. The following members being specially commended : Company Sergeant-Major G. Frith ; Company Sergeant-Major R. Hayter ; Sergeant G. Cory ; Sergeant J. W. Osborne ; Battalion Sergeant-Major G. Wilkes.

*Chemistry.*

2nd Class—

Disappointing. But Sergeant A. Evans and Sergeant R. Alexander deserve commendation.

1st Class—

Highly satisfactory. The whole class deserves great credit for application and courage. The work is wholly voluntarily ; and, this is the first occasion in the history of the College, on which the whole class has applied itself to voluntary practical chemistry. They have acquitted themselves well both in term work and at their examinations.

Company Sergeant-Major Ridout and Sergeant E. Brown are distinguished by being at the top of the class in this subject.

*Physics.*

## 2nd Class.—

Very disappointing. With one exception, the average marks are lower than on any previous occasion. The two highest scores were made by Corporal F. Leach, with 57 per cent of full marks, and Sergeant R. Alexander, with 54 per cent. None of the class took up voluntary work in this subject.

## 1st Class.—

Exceptionally meritorious. The whole class deserves great credit for application and unhesitating zeal. The work was wholly voluntary, and this is the first occasion, since the establishment of the College, on which the whole class has applied itself to voluntary and more advanced chemistry. They have acquitted themselves well both in term work and at their examinations. Comp. Sergt.-Major Ridout and Sergeant E. Brown are distinguished by being at the top of the class for the year in this subject.

*Geology and Mineralogy.*

## 1st Class.

Very satisfactory. All without exception worked well in geology. The subject mineralogy was taken by only Sergeant E. Brown and Batt. Sergt.-Major G. Wilkes, both of whom attained the record of distinguished under the combined heading.

*Freehand Drawing and Painting.*

## 4th Class.—

Satisfactory. The following meriting special mention: Gentlemen Cadets G. Denison, L. Sherwood and A. Smith.

## 3rd Class.—

Very satisfactory. Gentleman Cadet A. Doucet specially distinguishing himself.

## 2nd Class.—

Satisfactory. Sergeant Alexander, Sergeant C. Stephen and Sergeant W. Cantlie, excellent.

## 1st Class.—

Very satisfactory. Sergeant E. Brown, Company Sergt.-Major R. Hayter and Company Sergt.-Major G. Frith are deserving of exceptional commendation.

*Civil Engineering.*

## 1st Class.—

Highly meritorious. The percentage of marks gained varies from 80—the lowest—to 93—the highest. Company Sergt. Major R. Hayter, Batt. Sergt. Major. G. Wilkes and Company Sergt. Major G. Frith all gained over 90 per cent of full marks.

*Drills and Exercises.*

## 4th Class.—

Very satisfactory. Gentleman Cadet H. R. Payzant leads with full marks in infantry drills, gymnastics, swordsmanship and swimming; followed by Gentleman Cadet F. Hunter, Gentleman Cadet L. Sherwood, and Gentlemen Cadet H. Skinner, each with 94 per cent.

## 3rd Class.—

Satisfactory. Gentleman Cadet A. Doucet takes 90 per cent of full marks, inclusive of 100 per cent for gymnastics. He is followed by Gentleman Cadets F. Carr-Harris and H. LaRocque, with 86 per cent.

## 2nd Class.—

Satisfactory. Sergeant C. W. Stephen is first with 93 per cent of full marks, inclusive of 100 per cent in artillery, gymnastics and infantry. Sergeant A. Evans scores 76 per cent of full marks; and in gymnastics Corp. F. Leach wins full marks.

1st Class.—

Highly satisfactory. Battn. Sergeant-Major G. Wilkes scores 97 per cent ; Compy. Sergt.-Major R. Hayter scores 95 per cent ; Sergeant G. Cory scores 86 per cent ; Compy. Sergt.-Major G. Frith and Compy. Sergeant-Major Ridout score 80 per cent.

ROYAL MILITARY COLLEGE, 30th June, 1895.

D. R. CAMERON,  
*Commandant.*

### GENERAL PRIZE LIST.—JUNE, 1885.

#### *Annual Class Prizes.—Highest Proficiency.*

- 4th Class.—Gentleman Cadet Frederick Fraser Hunter, Upper Canada College.  
3rd Class.—Gentleman Cadet Claude de Brigny Doucet, St. Louis College, Montreal.  
2nd Class.—Sergeant Arthur Stewart Evans, Toronto Collegiate Institute.  
1st Class.—Company Sergeant Major Ross John Finnis Hayter, Upper Canada College

#### *Annual Subject Prizes.*

##### Dominion Artillery Association Prizes.

- 3rd Class—Artillery, Theoretical. . . . . { Gentleman Cadet Claude de Brigny Doucet, St.  
Louis College, Montreal.  
2nd “ “ “ “ { Corporal Guy Hamilton Kirkpatrick, Upper Canada  
College.

##### Ontario Artillery Association Cup—

- 3rd Class—Artillery Practice. . . . . { Corporal Archibald Montgomery Russell, Montreal  
High School.

##### Dominion Artillery Association Badges.

- Corporal Charles Carroll Wood.  
Sergeant Chas. Merton Stephen.  
Corporal Archibald Montgomery Russell.  
“ Guy Hamilton Kirkpatrick.  
“ John Hegan Parks.

#### *Entire Course.—Subject Prizes.*

- Mathematics and Mechanics. . . . . Bn. Sergeant-Major George Sydney Wilkes, Trinity  
College School, Port Hope.  
Prac. Geometry and Eng. Drawing. Sergeant Arthur Stewart Evans, Toronto Collegiate  
Institute.  
Military Engineering. . . . . Co. Sergeant-Major Gilbert Robertson Frith, Upper  
Canada College.  
Surveying and Mil. Topography. . . Bn. Sergeant-Major George Sydney Wilkes, Trinity  
College School, Port Hope.  
Reconnaissance. . . . . Sergeant George Norton Cory, Bishop's College  
School, Lennoxville.  
Artillery (theory and construction. Sergeant Arthur Stewart Evans, Toronto Collegiate  
Institute.  
Mil. History. . . { Strategy, Tactics, }  
{ Mil. Administra- } Co. Sergeant Major Gilbert Robertson Frith, Upper  
{ tion and Law. } Canada College.  
French. . . . . Sergeant George Norton Cory, Bishop's College,  
Lennoxville.

English.....	Sergeant John Woodburn Osborne, Trinity College School, Port Hope.
Chemistry .....	Sergeant Edward Percy Brown, private tutor.
Physics .....	Co. Sergeant Major Gilbert Robertson Frith, Upper Canada College.
Geology and Mineralogy.....	Sergeant Edward Percy Brown, private tutor.
Freehand Drawing and Painting..	Sergeant Edward Percy Brown, private tutor.
Civil Engineering.....	Co. Sergeant Major Ross John Finnis Hayter, Upper Canada College.
Drill and Exercises and N.C.O. }	Bn. Sergeant-Major George Sydney Wilkes, Trinity College School, Port Hope.
Drill instruction combined. }	
Conduct and N.C.O. Discipline . . .	Bn. Sergeant-Major George Sydney Wilkes, Trinity College School, Port Hope.

*Diplomas—Honour List.*

	DISTINGUISHED IN
Sergeant E. P. Brown.	{ Theory and Construction of Artillery, French, Chemistry, Geology and Mineralogy, Freehand Drawing and Painting, Civil Engineering, N. C. Offi. Discipline.
Co. Sergt.-Major George Addison Inksetter.	{ Mathematics and Mechanics, Military Engineering, Theory and Construction of Artillery, Practical Geometry and Engineering Drawing, French, Chemistry, Civil Engineering.
Sergeant John Woodburn Osborne.	{ Mathematics and Mechanics, Military Engineering, Theory and Construction of Artillery, Practical Geometry and Engineering Drawing, French, English, Chemistry, Civil Engineering, Drills and Exercises.
Co. Sergt.-Major Norman Stewart Ridout.	{ Mathematics and Mechanics, Military Engineering, Theory and Construction of Artillery, Military History, Strategy, Tactics, Administration and Law, Practical Geometry and Engineering Drawing, French, Freehand Drawing and Painting, Civil Engineering, Drills and Exercises.
Sergeant George Norton Cory.	{ Mathematics and Mechanics, Military Engineering, Theory and Construction of Artillery, Military Topograhly, Reconnaissance and Civil Surveying, Practical Geometry and Engineering Drawing, French, Chemistry, Civil Engineering, Drills and Exercises.
Co. Sergt.-Major Ross John Finnis Hayter.	{ Mathematics and Mechanics, Military Engineering, Theory and Construction of Artillery, Military History, Strategy, Tactics, Administration and Law, Practical Geometry and Engineering Drawing, French, English, Chemistry, Freehand Drawing and Painting, Civil Engineering, Drills and Exercises.

Batt. Sergt.-Major George Sydney Wilkes.	} Mathematics and Mechanics, Military Engineering, Theory and Construction of Artillery; Practical Geometry and Engineering Drawing, French, Chemistry, Geology and Mineralogy, Civil Engineering, Drills and Exercises, N. C. Officers Discipline.
Co. Sergt.-Major Gilbert Robertson Frith.	

*Recommended for Commissions in H. M. Regular Forces.*

Co. Sergeant-Major Gilbert Robertson Frith, Upper Canada College.	} Royal Engineers.
Batt. Sergeant-Major George Sydney Wilkes, Trinity College, Port Hope.	
Co. Sergeant-Major Ross John Finnis Hayter, Upper Canada College.	} Infantry.
Sergeant George Norton Cory, Bishop's College School, Lennoxville.	

*The "Aberdeen" Medals.*

(For the highest aggregate of marks for the whole course.)

Gold Medal.—Co. Sergt.-Major Gilbert Robertson Frith, Upper Canada College.

Silver Medal.—Batt. Sergt. Major George Sydney Wilkes, Trinity College School, Port Hope.

Bronze Medal.—Co. Sergt.-Major Ross John Finnis Hayter, Upper Canada College.

ROYAL MILITARY COLLEGE, 30th June, 1895.

D. R. CAMERON,  
*Commandant.*

LIST OF RIFLE RANGES BY MILITARY DISTRICTS

## (APPENDIX K.)—List of Rifle Ranges

Military District.	Locality.	Corps by whom used.	Greatest Range in use under existing circumstances.	Approximate length and breadth of Range Ground.	Number of Targets available at various distances.	Extent of ground behind the Butts, comprised in the Range Grounds.	Column Number.
No. I.	London .....	7th Batt. and Rifle Association.	600 yards.	980 x 100 yds	4 targets, 200 and 300 yds.; 5 targets, 400 to 600 yds.	100 yards..	1
do ..	do .....	No. 1 R.D., R.R.C.I. & Troops in Camp.	1,000 do	1,000 x 200 yds.	8 at all distances.	30 do ..	2
do ..	Windsor .....	21st Batt., Nos. 1 and 5 Cos.	600 do	1,000 x 50 yds	2 do ..	None.....	3
do ..	Leamington .....	21st Batt., No. 2 Co.	800 do	800 x 20 yds.	3 do ..	.....	4
do ..	Essex .....	do No. 3 Co.	900 do	900 x 80 yds.	3 do ..	.....	5
do ..	Woodstock .....	22nd Batt., Nos. 1 and 6 Cos.	600 do	600 x 100 yds	2 do ..	.....	6
do ..	Embro .....	22nd Batt., No. 2 Co.	600 do	600 x 200 yds	1 do ..	.....	7
do ..	Princeton .....	do No. 3 Co.	600 do	600 x 40 yds.	2 do ..	.....	8
do ..	Norwich .....	do No. 5 Co.	500 do	500 x 100 yds	1 do ..	.....	9
do ..	Thamesford .....	do No. 8 Co.	500 do	500 x 300 yds	1 do ..	.....	10
do ..	Sarnia.....	27th Batt., No. 1 Co.	600 do	600 x 50 yds.	5 do ..	None.....	11
do ..	Theford.....	do No. 2 Co.	600 do	.....	2 do ..	do .....	12
do ..	Point Edward ..	do No. 5 Co.	600 do	600 x 50 yds.	2 do ..	do .....	13
do ..	Hespeler.....	29th Batt., No. 5 Co. and Hespeler Rifle Association.	1,000 do	1,200 x 200 yds.	4 at 200 yds., 2 at 400 and 600 yds., 1 at 600 to 1,000 yds.	150 yards..	14
do ..	Berlin .....	29th Batt., No. 1 and 6 Cos., and Berlin Rifle Association.	500 do	500 x 100 yds	4 at 200 yds., 1 at 400 and 500 yds.	60 do ..	15
do ..	Guelph .....	1st Brigade Field Art. and 30th Batt.	600 do	1,000 x 700 yds.	4 at all distances.	350 do ..	16
do ..	Seaforth.....	33rd Batt.....	600 do	900 x 75 yds.	4 do ..	75 do ..	17
do ..	Clinton.....	do .....	600 do	650 x 25 yds.	2 do ..	50 do ..	18
No. II.	Barrie.....	35th Batt.....	1,200 do	1,300 x 100 yds.	3 at each up to 600 yds., none over that yet.	150 do ..	19
do ..	Brantford .....	38th Batt.....	600 do	900 x 100 yds	4 up to 500 yds., 2 at 600 yds.	None.....	20
do ..	Georgetown.....	20th Batt., Nos. 2, 3 and 6 Cos.	600 do	600 x 100 yds	1 at all distances.	do .....	21
do ..	Hamilton .....	13th Batt.....	1,000 do	1,100 x 35 yds	7 up to 600 yds.; 2, 700 to 1,000 yds.	75 yards..	22
do ..	Milton .....	20th Batt., No. 1, 4 5 and 7 Cos.	600 do	700 x 50 yds.	2 each, 100 to 600 yds.	60 do ..	23
do ..	Niagara .....	Troops in Camp....	600 do	650 x 250 yds	3 up to 300 yds., 6, 400 to 600 yds.	30 do ..	24
do ..	Owen Sound.....	31st Batt.....	700 do	800 x 200 yds	3 to 300 yds.; 2 400 to 600 yds.	100 do ..	25
do ..	Simcoe.....	39th Batt.....	900 do	1,100 x 50 yds	1 at all distances.	50 do ..	26
do ..	Toronto .....	"A" Troop, R.C.D., No. 2 R.D., R.R.C.I., G. G. Body Guard, Toronto Field Battery, 2nd Batt. Q.O.R., 10th Batt. R. Grendrs., 48th Highlanders..	1,000 do	1,000 x 300 yds.	12 at 200 yds.; 10, 300 to 600 yds.; 4, 700 to 1,000 yds.	.....	27

by Military Districts.

Column Number.	Nature of country behind Butts, whether unused, or occupied and requiring to be closed when firing is going on.	Whether ever reported unsafe.	By whom is Range owned, Government or Private Property.	If Rented, Amount of Rent, and by whom paid.	Direction of Range from Firing Point to Butts.
1	Hill 45 ft. high; occupied; need not be closed;	No.....	Private; leased to Western Rifle Association.	\$65 per annum; Western Rifle Association.	W.
2	High steep cliff; occupied; need not be closed.	do .....	Private.....	\$160 per annum; Government.	S.
3	Level land, bush and clearing; must be closed for firing.	do .....	do .....	\$18 per annum; 21st Batt. and Windsor Rifle As.	S.E.
4	Lake Erie .....	do .....	do .....	\$15 per annum; captain of company.	S.
5	Farm land; closed for firing.	do .....	do .....	\$20 per annum; Government.	N.E.
6	Rapidly rising ground; occupied; closed for firing.	do .....	do .....	No rent.....	N.W.
7	Bank 100 ft. high .....	do .....	do .....	do .....	S.E.
8	Level.....	do .....	do .....	do .....	E.
9	Bank 30 ft. high; country occupied; closed for firing.	do .....	do .....	do .....	S.W.
10	Rising ground; occupied; closed for firing.	do .....	do .....	do .....	W.
11	Occupied; must be closed for firing.	No compl't, but d'n'rous	do .....	\$25 per annum; Capt. McKenzie.	N.E.
12	Farm land; not closed for firing.	No.....	do .....	No rent.....	N.
13	Lake Huron.....	do .....	Government.....	do .....	N.
14	Hill; farm land; not closed for firing.	do .....	Private.....	\$25 per annum; Hespeler Rifle Association.	N.
15	Pasture land; not closed for firing.	do .....	do .....	\$10 for season; Berlin Rifle Association.	N.N.W.
16	Cultivated; notice given to owner before practice.	do .....	do leased to Guelph Rifle Association.	\$35 per annum; Government.	S.
17	Gravel hill, used occasionally, then closed for firing.	do .....	Private.....	\$20 per annum; 33rd Batt. Rifle Association.	E.N.E.
18	River bank.....	do .....	do .....	No rent.....	W.
19	Hilly and unoccupied.....	do .....	do .....	\$40 per annum; Government.	N.
20	Grand River opposite bank 80 ft. high.	do .....	do .....	Nominal rent.....	S.S.W.
21	High ground; farm land; not closed for firing.	do .....	do .....	\$11 per annum; 20th Batt. Rifle Association.	N. by W
22	Mountain ridge; farm land; closed for firing.	C'pl'ts have been made.	do .....	Victoria Rifle Club allow free use of range to the battalion.	N.
23	Rocky precipice, 75 yds. in rear; not closed for firing.	No.....	do .....	Milton Rifle Club and 20th Battalion.	S.W.
24	Lake Ontario.....	do .....	Government.....	.....	N.
25	Rising ground; cultivated; closed for firing.	No; but only safe for S'der	Partly private, partly Government.	\$30 per annum; Government.	N.
26	Wooded, hilly ground; not closed for firing.	No.....	Private.....	\$15 per annum; 39th Batt. Rifle Association.	S.E.
27	Lake Ontario.....	do .....	Government.....	.....	S.

## LIST of Rifle Ranges

Military District.	Locality.	Corps by whom used.	Greatest Range in use under existing circumstances.	Approximate length and breadth of Range Ground.	Number of Targets available at various distances.	Extent of ground behind the Butts, comprised in the Range Ground.	Column Number.
No. II.	York.....	37th Batt. ....	800 yards	800 x 30 yds.	2 at all distances.	.....	1
do ..	Collingwood ...	No. 2 Co., 35th Batt.	600 do	600 x 50 yds.	1.....	Unlimited	2
do ..	Thornbury .....	No. 7 Co., 31st Batt.	500 do	500 x 100 yds.	1.....	40 yards..	3
No. III	Barriefield.....	R. M. C., "A" Batt., R. C. A., 14th Batt. and Troops in Camp.	600 do	800 x 200 yds	6 at all ranges up to 600 yds.	200 yards..	4
do ..	Campbellford ...	3 Companies 40th Batt.	600 do	1,000x 50 yds	2 do ..	None.....	5
do ..	Bowmanville....	Right Wing, 45th Batt.	600 do	Length 1,200 yds.; width 100 yds.	2 at each dis- tance up to 600 yards.	do ....	6
do ..	Lindsay .....	Left Wing, 45th Batt.	600 do	700 x 22 yds.	2 at each distance	.....	7
do ..	Peterborough....	57th Batt., "C" Troop 3rd Dragoons and Durham Fd. Batt.	800 do	800 x 50 yds.	4 do ..	None.....	8
do ..	Port Hope.....	46th Batt., Durham Field Battery.	600 do	900 x 200 yds	4 do ..	300 yards..	9
do ..	Cobourg .....	40th Batt. and Co- bourg Art. Co.	800 do	800 x 33 yds.	4 do ..	None.....	10
do ..	Hastings .....	No. 9 Company, 40th Batt.	600 do	1,900 x 300 y.	There is room for 6 targets up to 600 yds., only 1 is provided.	1,200 yds..	11
No. IV	Ottawa (Rideau Rifle Range).	P. L. D. Guards, O. F. Battery, G. G Ft. Gds. and 43rd Batt.	900 do	600 x 220 yds and 900 x 60 yds.	2 each at 800 and 900 y.; 41 at all others up to 600 yds.	200 yards..	12
do ..	Prescott .. .....	"D" Troops, 4th Hus- sars, Nos. 1, 2 and 6 Cos., 56th Batt.	600 do	750 x 100 yds	4 at all distances	50 do ..	13
do ..	Brockville .....	Part of 41st and 42nd Batts.	800 do	800 x 50 yds.	4 do ..	.....	14
do ..	Perth.....	No. 3 Co., 42nd Batt.	600 do	600 x 100 yds	1 do ..	.....	15
do ..	Renfrew.....	No. 5 Co. do ..	1,100 do	1,100 x 100 y.	2 do ..	None.....	16
do ..	Pembroke .....	No. 6 Co. do ..	900 do	1,500x 50 yds	1 do ..	100 yards..	17
do ..	Carleton Place..	No. 5 Co., 41st Batt.	600 do	1,700 x 1,300 yds.	2 do ..	.....	18
do ..	Metcalfe.....	No. 7 Co., 56th Batt.	600 do	900 x 800 yds	3 do ..	.....	19
do ..	Spencerville ...	No. 6 Co. do ..	400 do	1,000 y. long	2 do ..	100 acres of bush.	20
do ..	Kemptville....	No. 4 Co. do ..	600 do	600 x 100 yds	1 do ..	.....	21
do ..	Gananoque.....	Gananoque Field Bat- tery and No. 2 Co., 41st Batt.	600 do	1,320 x 800 y.	2 do ..	.....	22
do ..	Cornwall .....	59th Batt. ....	600 do	800 x 50 yds.	3 do ..	.....	23
No. V.	Côte St. Luc....	6th Cav., M.F. Bat'y, M. Gar. Art. 1st, 3rd, 5th, 6th, 65th and 85th Batts.	900 do	1,860 x 224 y.	20 targets 100 to 600 yards; 2 from 700 to 900 yds.	About 750 x 198 yds. behind 1st class Butt and 1,150 x 224 yds. behind others.	24

by Military Districts—Continued.

Column Number.	Nature of Country behind Butts, whether unused or occupied and requiring to be closed when firing is going on.	Whether ever reported unsafe.	By whom is Range owned, Government or Private Property.	If Rented, Amount of Rent, and by whom paid.	Direction of Range from Firing Point to Butts.
1	Rising ground ; cultivated...	C'pl't made once about 10 years ago	Private.....	\$15 per annum by Government ; \$7.50 by battalion.	E.
2	Nottawasaga Bay.....	No.....	do .....	Nominal rent.. ..	E. by S.
3	Georgian Bay.....	do .....	do .....	do .....	S.E.
4	Falling, used as pasture beyond the 500 yards mentioned.	do .....	Government.....	.....	E.
5	Hill 40 to 50 feet high immediately behind butts ; unoccupied.	do .....	Private.....	Rented by 40th Batt....	S.
6	Hill in rear of butts ; unoccupied.	do .....	Private property...	Rent \$40 per annum ; Government.	S.S.E. and S.W.
7	Large abutment in rear : river Scugog about 1,000 yards.	do .....	Township of Ops...	Free of rent.....	N.W.
8	Steep hill ; unoccupied.....	do .....	Private property...	\$45 per annum ; Government.	E.
9	Lake Ontario.....	do .....	do .....	\$20 per annum ; Government.	S.E.
10	do .....	do .....	do .....	\$15 per annum ; Cobourg Rifle Association.	S.
11	Hill 45 feet high, heavily timbered butt ; beyond which is a river nearly a mile wide.	do .....	do .....	No rent.....	N.
12	Fairly level arable and grazing ground ; closed for firing.	Yes, 1895...	do .....	\$500 per annum ; Government.	S.S.E.
13	Sand ridges and undulating pasture ; closed for firing..	No.....	do .....	\$50 per annum ; Government.	N.W.
14	Stony and wooded ; occupied.	do .....	do .....	do do ..	N.
15	Marsh and bush.....	do .....	do .....	\$10 paid by Perth Rifle Association.	N.
16	Hill 75 feet high .....	do .....	do .....	No rent .....	N.E.
17	Wooded hills and river.....	do .....	do .....	\$12 per annum ; Capt. Irving.	E.
18	High butt ; bush at back ; not used.	do .....	Clergy lands.....	\$25 per annum ; Carleton Rifle Association.	W.
19	Swamp ; not closed when firing	do .....	Private property ..	No rent .....	N.
20	Solid bush do ..	do .....	do .....	do .....	N.
21	Thick bush do ..	do .....	do .....	do .....	N.E.
22	High hill.....	do .....	do .....	\$25 per annum ; Gananoque R.A.	N.
23	Farm land ; not closed ; thick bush behind butts.	do .....	do .....	\$50 per annum ; Government.	N.W.
24	Bush ; unoccupied ; not necessary to close the bush when firing is going on.	do .....	do .....	Leased by Government for 15 years at \$900 per annum.	W.

## LIST of Rifle Range

Military District.	Locality.	Corps by whom used.	Greatest Range in use under existing circumstances.	Approximate length and breadth of Range Ground.	Number of Targets available at various distances.	Extent of ground behind the Butts, comprised in the Range Ground.	Column Number.
No. V.	Laprairie. . . . .	Troops in Camp. . . . .	600 yards.	1,000 x 500 y.	4 at all distances	50 to 100 y.	1
do ..	Three Rivers. . . . .	86th Batt. . . . .	600 do	600 x 50 yds.	2 do ..	None. . . . .	2
No. VI.	Sherbrooke. . . . .	53rd Batt. . . . .	600 do	600 x 50 yds.	2 at each distance	About 50 y	3
do ..	St. Johns, Que. . . . .	No. 3 R.D., R.R.C.I.	600 do	750 x 50 yds.	1 butt ; no more targets.	150 yards.	4
do ..	do ..	No. 3 R.D., R.R.C.I. and for District Camp.	600 yards flat, could have 900 to 1,000 from barracks.	750 x 50 yds.	2 butts ; 4 targets in line.	100 yards.	5
do ..	Richmond. . . . .	54th Batt. . . . .	600 yards.	750 x 150 yds	3 up to 200 yds., 2 to 600 yds.	About 150 yds.	6
do ..	Clarenceville. . . . .	60th Batt., No. 4 Tp., 6th Cavalry.	800 do	1,000 x 200 y.	4 from 100 to 600 yds.	.....	7
do ..	Waterloo. . . . .	79th Batt. . . . .	600 do	600 x 200 yds	2 from 100 to 600 yds.	.....	8
do ..	Sweetsburg. . . . .	Shefford Fd. Battery, 52nd Batt.	600 do	1,200 x 800 y.	2 from 100 to 600 yds.	400 yds. . . . .	9
do ..	Cookshire. . . . .	5th Dragoons and 58th Batt.	600 do	700 x 250 yds	3 from 100 to 600 yds.	100 do ..	10
do ..	Sutton. . . . .	No. 5 Troop, 5th Dragoons, 52nd Batt.	600 do	800 x 350 yds	2 from 100 to 600 yds.	200 do ..	11
do ..	Compton. . . . .	Troops in Camp. . . . .	600 do	600 x 100 yds	5 from 100 to 600 yds.	.....	12
No. VII	Lévis. . . . .	R. C. Artillery, Q.O. Can. Hussars, Lévis G. A., 8th, 9th and 17th Batts.	600 do	600 x 58 yds average.	12 targets. . . . .	.....	13
do ..	Beauport Flats. . . . .	Q.O. Can. Hussars, 8th, 9th and 87th Batts.	600 do	.....	2 at each distance	Tidal b'ch water s'vl miles.	14
do ..	Inverness Corner	55th Batt. and Megantic Rifle Ass'n.	600 do	800 x 50 yds.	4 targets. . . . .	200 yds. . . . .	15
do ..	Ste. Geneviève. . . . .	70th Batt. and Champlain Rifle Ass'n. . . . .	600 do	600 x 120 yds	5 do ..	None. . . . .	16
do ..	Rivière du Loup (en bas). . . . .	89th Batt. and Témiscouata Rifle Ass'n.	600 do	800 x 60 yds.	5 do ..	200 yds. . . . .	17
do ..	Rimouski. . . . .	89th Batt. and Rimouski Rifle Ass'n.	600 do	1,000 x 72 y.	2 do ..	200 yds. . . . .	18
do ..	Ancienne Lorette	87th Batt. and Co. Quebec Rifle Ass'n.	600 do	600 yards. . . . .	2 do ..	.....	19
do ..	Somerset. P.Q. . . . .	No. 5 Co., 55th Batt., and Rifle Ass'n. . . . .	600 do	600 do ..	2 do ..	.....	20
No VIII	Fredericton. . . . .	No. 4 R.D., R.R.C.I. and 71st Batt.	700 do	800 x 30 yds.	3 at each distance	100 yds. . . . .	21
do ..	St. John, N.B. . . . .	N.B. Batt. Gar. Art., 62nd Batt., St. John Rifle Co.	600 do	700 x 100 yds	4 do ..	None. . . . .	22
do ..	Sussex. . . . .	All Militia Corps in District.	600 do	1,000 x 100 y.	12 do ..	400 yds. . . . .	23
do ..	Woodstock. . . . .	Woodstock Fd. By., Brighton Engineers and 67th Batt.	700 do	800 x 200 yds	2 do ..	None. . . . .	24
do ..	Baker Brook. . . . .	No. 7 Co., 67th Batt.	600 yards.	600 x 200 yds	2 at each distance	200 yds. . . . .	1

by Military Districts—Continued.

Column Number.	Nature of Country behind Butts, whether unused, or occupied and requiring to be closed when firing is going on.	Whether ever reported unsafe.	By whom is Range owned, Government or Private Property.	If Rented, Amount of Rent, and by whom paid.	Direction of Range from Firing Point to Butts.
1	Public road from village ; closed and turned while firing ; Laprairie Bay.	No.....	Private property. . .	No rent.....	N.W.
2	St. Lawrence River ; not closed.	do .....	do .....	do .....	S.
3	Side of hill ; wooded ; not occupied.	do .....	Private.....	\$25 per annum ; Government.	W.
4	Flat, with light bush behind the butt.	Reported unsafe, Jan. 1, 1891;disused	do .....	\$50 per annum ; Government.	E. to W.
5	High bush.....	Protested by L. Huot, before present lease.	do .....	\$100 per annum, paid by the town of St. Johns ; leased for 5 year, June 21, 1892.	E. to W.
6	Hilly ; wooded ; closed while firing.	No .....	do .....	Rent free.....	N.W.
7	Swampy ; wooded ; ground occupied as pasture sometimes, but so far has never required to be closed.	do .....	do .....	do .....	E.S.E.
8	Mostly wooded ; requires to be closed.	do .....	do .....	do .....	N.
9	High hill ; crowned with timber ; not closed.	do .....	do .....	do .....	N.
10	Hilly ; lightly wooded ; unoccupied during firing.	do .....	do .....	\$5 to \$10 ; paid by Rifle Association.	N.E.
11	High hill ; timber land ; unused.	do .....	do .....	Rent free.....	E.
12	Wood ; unoccupied. ....	do .....	do .....	Rent of camping ground covers rent of range.	W.
13	Hilly.....	do .....	Government.....	.....	S.S.E.
14	Tidal beach and water when tide is high.	do .....	Private.....	No rent charged.....	S.W.
15	Woods and clearance, occupied.	do .....	do .....	\$4 per annum ; Megantic Rifle Association.	W.
16	Wooded ; unoccupied... ..	do .....	do .....	\$8 per annum ; Champlain Rifle Association.	S.W.
17	Hilly ; about 150 ft. ; wooded ; unoccupied.	do .....	do .....	\$7 per annum ; Association	N.W.
18	Hilly ; 60 feet wooded ; not closed.	do .....	do .....	\$10 do do ..	S.E.
19	Hill behind butts 60 ft. high, 100 y. from targets ; wooded	do .....	do ..	\$15 do do ..	N.
20	Woods ; occupied for hay....	do .....	do .....	Entrance fee by members of Association.	W.
21	Rough and hilly ; unused....	Not since stop-but built.	do .....	\$62 per annum ; Government.	S.W.
22	Steep hill ; thickly wooded ; not closed.	No.....	do .....	\$250 per annum ; Government.	W.
23	Bush ; unused ; not closed... ..	do .....	do .....	N. B. Prov. Rifle Association pays \$100 p. annum and charges Government \$25 per annum.	S.
24	A very high hill ; unoccupied ; not closed.	do .....	do .....	\$30 per annum ; Goyeintment.	E.
25	Wooded.....	No .....	do .....	\$10 per annum ; Government.	N.W.

## List of Rifle Ranges

Military District.	Locality.	Corps by whom used.	Greatest Range in use under existing circumstances.	Approximate length and breadth of Range Ground.	Number of Targets available at various distances.	Extent of ground behind the Butts, comprised in the Range Ground.	Column Number.
No. VIII	St. Stephen . . . .	No. 6 Co., 71st Batt.	600 yards.	650 x 137 yds	2 at each distance	.....	1
do	Moncton . . . . .	74th Batt. . . . .	600 do	700 x 150 yds	5 do	30 yds. . . . .	2
do	Chatham . . . . .	No. 2 Co., 73rd Batt.	600 do	700 x 50 yds.	2 do	.....	3
No. IX.	Bedford, N.S. . . .	Hal. Gar. Art., 63rd 66th Batt. & P. R. A	900 do	2,000 x 450 y.	18 targets. . . . .	About 1,200 yds.	4
do	Aldershot, N.S.	Troops in Camp. . . . .	700 do	Not fixed, say 1,600 x 200 yds.	8 do . . . . .	About 1,000 yds.	5
do	Paradis West, Annapolis Co., N.S.	6 Cos. 69th Batt . . . .	600 do	1,000 x 40 yds	3 do . . . . .	Nil . . . . .	6
do	Kentville, Kings Co., N.S.	69th Batt. and Kings Co. Hussars.	600 do	900 x 200 yds.	10 do . . . . .	do . . . . .	7
do	Canning, Kings Co., N.S.	Nos. 2 and 3 Cos. 68th Batt.	600 do	1,000 x 400 y.	6 do . . . . .	do . . . . .	8
do	Pictou, N.S. . . . .	Pictou Co. of Gar. Artillery.	600 do	800 x 150 yds.	2 do . . . . .	do . . . . .	9
do	Bear River, Digby Co., N.S.	3 Cos. of 69th Batt. . .	600 do	600 x 40 yds. . .	2 do . . . . .	do . . . . .	10
do	Wilmot, Annapolis Co., N.S.	72nd Batt. . . . .	600 do	1,000 x 100 yds	2 do . . . . .	20 yds. . . . .	11
do	Digby, N.S. . . . .	Digby Garr. Artillery	600 do	600 x 100 yds.	1 do . . . . .	Nil . . . . .	12
do	Truro . . . . .	78th Batt. . . . .	600 do	800 x 200 yds.	2 do . . . . .	20 to 40 yds	13
do	Windsor . . . . .	No. 4 Co., 78 Batt. . . .	600 do	1,000 x 200 yds	2 do . . . . .	.....	14
do	Millbrook . . . . .	No. 5 do . . . . .	600 do	No return. . . . .	1 do . . . . .	.....	15
do	Mount Thom. . . . .	No. 6 do . . . . .	600 do	do . . . . .	1 do . . . . .	.....	16
do	West River . . . . .	No. 7 do . . . . .	600 do	do . . . . .	1 do . . . . .	.....	17
do	Amherst . . . . .	93rd Batt. and County Rifle Ass'n.	600 do	700 x 400 yds.	3 do . . . . .	100 yds. . . . .	18
do	Sprig Hill Mines	No. 2 Co., 93rd Batt.	600 do	700 x 25 yds. . . .	1 do . . . . .	None . . . . .	19
do	Mapleton . . . . .	No. 4 do . . . . .	600 do	600 x 25 yds. . . .	1 do . . . . .	50 yards. . . . .	20
do	Martin's River . . .	No. 5 Co., 75th Batt.	600 do	900 x 20 yds. . . .	1 do . . . . .	200 do . . . . .	21
do	Lunenburg . . . . .	Mahone Bay, Co. Gar. Art. & 75th Batt.	700 do	700 x 100 yds.	2 do . . . . .	50 do . . . . .	22
do	Mahone Bay . . . .	Co. Gar. Artillery. . . .	600 do	700 x 250 yds.	4 do . . . . .	100 do . . . . .	23
No. X.	Winnipeg. . . . .	90th Batt. . . . .	900 do	2 miles by 88 yds.	8 tar. up to 600; 1 do 900.	About 1½ miles.	24
do	Port Arthur . . . .	96th Batt. . . . .	1,000 do	1,000 x 20 yds	2 targets . . . . .	None . . . . .	25
do	Port'ge la Prairie	"B" Troop, Man. Dragoons.	About 800 yds.	1,000 x 20 yds	2 at all ranges up to 800 yds.	About 200 yards.	26
do	Brandon . . . . .	Co. of Infantry . . . . .	900 yards.	1,250 x 20 yds	2 targets . . . . .	About 200 yards.	27
do	Virten. . . . .	"A" Troop Man. Dragoons.	800 do	850 x 33 yds . . . .	2 targets at each range.	.....	28
No. XI.	Goldstream, B.C.	B.C. Batt. Gar. Art; and B.C. Rifle Ass.	600 do	1,000 x 150 y. . . .	7 targets. . . . .	None . . . . .	29
do	Glover Point . . . .	B.C. Batt. Gar. Art.	600 do	1,000 yards . . . .	4 do . . . . .	The sea. . . . .	30
do	Vancouver . . . . .	B.C. Bn. Gar. Art. & Local Rifle Ass'ns	600 do	1,000 y. & 100 feet.	6 do . . . . .	500 yards. . . . .	31
No. XII	Charlottetown, P. E. I.	P. E. I. Gar. Art., Charlett'n Engineer Co. & 82nd Bn. Batt.	600 do	700 x 200 yds.	4 at each distance	None . . . . .	32
do	Little Yock, P. E. I.	No. 4 Co., 82nd Batt.	600 do	900 x 650 yds.	2 do . . . . .	300 yards. . . . .	33
do	Fortune Cove, P. E. I.	No. 7 Co., 82nd Batt.	600 do	600 x 200 yds.	2 do . . . . .	.....	34
do	Georgetown, P. E. I.	Nos. 3 & 4 Cos., P. E. I Gar. Artillery.	600 do	700 x 150 yds.	2 do . . . . .	None . . . . .	35

by Military Districts—*Concluded.*

Column Number.	Nature of Country behind Butts, whether unused, or occupied and requiring to be closed when firing in going on.	Whether ever reported unsafe.	By whom is Range owned, Government or Private Property.	If Rented, Amount of Rent, and by whom paid.	Direction of Range from Firing Point to Butts.
1	Wood land ; unoccupied ; not closed.	No. ....	Private.....	\$5 by Co. Rifle Association ; \$20 per annum by Government.	N.E.
2	Wooded ; unused ; not closed.	do .....	do .....	\$20 per annum.....	N.
3	Thin woods and barrens ; unoccupied.	do .....	do .....	\$24 do .....	S.
4	Hilly ; thinly wooded ; unoccupied.	do .....	Government.....	.....	N.N.W.
5	Level swamp ; unused ; only required to be closed in cranberry season.	do .....	Private property...	\$12 per annum ; Government.	E.S.E.
6	Hill high behind butts ; pasture ; closed.	do .....	do ....	Leased by Government for \$200 for 25 years.	S.E.
7	100 feet hill behind butts ; unoccupied.	do .....	do ....	King's Co. Rifle Ass'n pays \$13 per annum.	Due S.
8	Hill 75 feet behind butts ; unoccupied ; not closed.	do .....	do ..	\$10 per annum ; Canning Rifle Association.	Due E.
9	Unoccupied ; heavy bush ; not closed.	do .....	do ....	No rent .....	N.
10	High ground ; heavily wooded ; not closed.	do .....	do .....	do .....	S.W.
11	Sand hill ; not required to be closed during practice.	do .....	do .....	do .....	S.W.
12	High sand bank ; not required to be closed during practice.	do .....	do .....	do .....	W.
13	High bank ; not closed.....	do .....	Part Prov. Gov. part private property .	do .....	E.
14	do do .....	do .....	Private property...	do .....	N.W.
15	Wooded hill.....	do .....	do .....	do .....	S.W.
16	do .....	do .....	do .....	do .....	E.
17	do .....	do .....	do .....	do .....	E.
18	Small trees ; closed when firing.	do .....	do .....	do .....	E.
19	Heavy wooded land ; not closed	do .....	do ....	do .....	N.
20	do do .....	do .....	do .....	do .....	E.
21	Wood land ; not closed .....	do .....	do .....	do .....	N.W.
22	Hill side ; unused ; need not be closed.	do .....	do .....	do .....	N.E.
23	High hill ; pasture ; closed..	do .....	do .....	do .....	N.N.W.
24	Flat ; fence on each side range ; not closed.	do .....	Winnipeg R. Range Company.	90th Batt. pays \$100 per annum for 3 targets.	W.
25	Forest ; high hill about 1½ miles ; not closed.	do .....	Private property. .	Rent free.....	N.
26	Plant ; not closed for firing..	do .....	do ....	do .....	E.
27	Hill 100 feet high.....	do .....	do .....	do .....	N.
28	Ravine with high bank on far side and 1 mile cultivated.	do .....	do ....	do .....	W.
29	Hill ; rough round of no use ; not occupied ; not closed when firing.	do .....	do ....	\$50 per annum ; B. C. Rifle Association.	E.
30	No danger except to boats....	do .....	do .....	do .....	S.
31	Heavy wood ; not required to be closed.	do .....	Local Government..	No rent .....	S.E.
32	Inlet of river ; not closed....	do .....	Private .....	\$150 per annum ; Government.	N.E.
33	Wooded swamp ; steep hill 400 yds. across swamp ; unused	do .....	do .....	No rent .....	E.
34	Wooded.....	do .....	do .....	\$20 per annum ; Government.	N.E.
35	River 1½ miles wide.....	do .....	Private property...	\$25 per annum ; Government.	S.W.