

## performed the Annual Drill for 1878-79.—Continued.

Time required to concentrate the Battalion or Corps.		Cost of rations per head, per diem, at encampment.	General conduct of Corps.	If any, and what casualties.	Whether in possession of Band. Number of Musicians, and proficiency.	General State of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bona fide</i> enrolled members thereof, according to the Militia Act.	Number of Non-exercised men, if any.	Ranges.	Battalion.	Company.	Figure of Merit.	Target Practice.	Date of Inspection.	Date when drill was completed.	REMARKS.
2 hour.	25 cts.	Good.	No.	Good.	Shot and shell practice and artillery movements, well performed.	Yes.	None.	Artillery practice.	Artillery practice.						July 10	July 11	Inspected by the D.A.G., and referred to herein.
Nil.	Nil.	Good.	Yes, 15 performers; good.	do	Marching, standing, gun drill, shot and shell practice, well performed.	do	do	Artillery practice.	Artillery practice.						Aug. 2	Sept. 2	Inspected by Inspector of Artillery and D.A.G.
		None.													do 2	do 2	
															do 2	do 2	
															Sept. 27	do 2	
															do 27	do 2	
															Oct. 30	Oet. 31	Auth'riz'd to complete annual drill on completion of drill shed.
															July 27	Aug. 2	
															28-37		
															30-80	.....	
				</													



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 8.—Continued.		Establishment.	Actual strength present at Inspection.		Muster.		Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Corps.	Corps.	Place.	Date.		Number of days' drill performed.	Miles.
			Officers.	N. O. O. and Men.	Officers.	N. O. O. and Men.			Mode.
62nd Battalion.....	6	Lt.-Col. Blaine, St. John.							
No. 1 Company.....		Capt. Devlin, St. John.....	3	42					
No. 2 do .....		Capt. Sturdee, St. John.....	3	42					
No. 3 do .....		Capt. Farren, St. John.....	3	42					
No. 4 do .....		Capt. Hazen, St. John.....	3	42					
No. 5 do .....		Capt. Earle, St. John.....	3	42					
No. 6 do .....		Capt. Hartt, St. John.....	3	42					
		Staff and Band, St. John.....	7						
		Total.....	25	252					
67th Battalion ...	10	Lt.-Col. Upton, Woodstock.							
No. 1 Company ...		Capt. Bourne, Woodstock.....	3	42	2	38		12	
No. 2 do .....		Capt. Adams, Centerville.....	3	42	2	38		12	
No. 3 do .....		Capt. Boyer, Victoria Corners.....	3	42					
No. 4 do .....		Capt. Hoyt, Richmond.....	3	42					
No. 5 do .....		Capt. Burpee, Waterville.....	3	42	2	38		12	
No. 6 do .....		Capt. Beckwith, Grand Falls.....	3	42	2	36		12	
No. 7 do .....		Capt. Baker, Little Falls.....	3	42	2	38		12	
No. 8 do .....		Bt.-Major Vince, Hartland.....	3	42					
No. 9 do .....		Capt. Hartley, Peel.....	3	42					
No. 10 do .....		Capt. Carvell, Wilmot.....	3	42					
		Staff and Band, Woodstock.....	8		8	22			
		Total.....	38	420	18	210			

## performed the Annual Drill for 1878-79.—Continued.

Time required to concentrate the Battalion or Corps.	Cost of rations per head, per day, at encampment.	General conduct of Corps. If any, and what casualties.	Whether in possession of Band. Number of Musicians, and proficiency.	General state of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bond fide</i> enrolled members thereof, according to the Militia Act.	Target Practice.		Date of Inspection.	Date when drill was completed.	REMARKS.
							Number of Non-exercised men, if any.	Figure of Merit.			
							Ranges.	Battalion.	Company.		
Nil.			Yes, 21 performers; good.	Good.		Yes.	None.				Authorized to complete annual drill on completion of drill shed.
do	Nil.	Good.	Yes, 14 performers; good.	do	Company drill, manual and firing exercises and skirmishing well performed.	Yes.	None.	21-63			
		None.					200, 400 and 600 yards.	30-68	July 9	July 10	Inspected by the D.A.G., and referred to in Report.
								do	do	do	
								18-47	July 9	July 10	
								15-45	do	do	
								21-97	do	do	Nos. 3, 4, 8, 9 and 10 did not drill.



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 8.—Continued.			Establishment.		Actual strength present at Inspection.		Muster.			Distance the several Corps had to proceed to Muster, and mode of transport.		
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Corps.		Corps.		Place.	Date.	Number of days' drill performed.	Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
			Officers.	N.-O. O. and Men.	Officers.	N.-O. O. and Men.					Miles.	Mode.
71st Battalion....	5	Lt.-Col. Marsh, Fredericton.										
No. 2 Company ...		Bt.-Maj. Staples, St. Marys.....	3	42	3	42			12			
No. 3 do ...		Capt. Christy, Keswick.....	3	42					12			
No. 4 do ...		Bt.-Major Wilkin- son, Stanley.....	3	42								
No. 5 do ...		Capt. Cropley, Fredericton.....	3	42	3	42						
No. 6 do ...		Bt.-Maj. Alexan- der, Blessville..	3	42					12			
		Staff and Band, Fredericton.....	7		6	26						
		Total.....	22	210	12	110						Marched.
73rd Battalion ...	5	Major McCulley, Chatham.										
No. 1 Company ...		Capt. Hutchin- son, Buctouche.	3	42								
No. 2 do ...		Capt. Fenton, Chatham.....	3	42	3	42						
No. 3 do ...		Capt. McKnight, Black Brook.....	3	42	3	42			12			
No. 4 do ...		Capt. McNaugh- ton, Black River	3	42					12			
No. 5 do ...		Capt. Cameron, Bay de Vin.....	3	42								
		Staff and Band, Chatham.....	7		4							
		Total.....	22	210	10	84						
74th Battalion ...	6	Lieut.-Col. Beer, Sussex.....										
No. 1 Company ...		Capt. Wetmore, Clifton.....	3	42								
No. 2 do ...		Capt. McFee, Petitcodiac.....	3	42	1	42			12			
No. 3 do ...		Capt. Arnold, Sussex.....	3	42								
No. 4 do ...		Capt. Murray, Murray Road...	3	42			do			do		do
No. 5 do ...		Capt. Baird, Sackville.....	3	42	2	42			12			
No. 6 do ...		Capt. Harper, Bay Verte.....	3	42								
		Staff and Band, Sussex.....	7									
		Total.....	25	252	3	84						

## performed the Annual Drill for 1878-79—Continued.

Time required to concentrate the Battalion or Corps.		Cost of rations per head, per diem, at encampment.		General conduct of Corps.		If any, and what casualties.		Whether in possession of Band. Number of Musicians, and proficiency.		General State of Clothing, Arms and Accoutrements.		Nature of Movements at Inspection, and how performed.		Whether the men of the several Corps were <i>bona fide</i> enrolled members thereof, according to the Militia Act.		Target Practice.		REMARKS.			
																Number of Non-exercised men, if any.		Figure of Merit.			
																Range.		Battalion.		Company.	
																		Date of Inspection.		Date when drill was completed.	
Nil.	Nil.	Good.	None.	Yes, 20 performers; good.	Good.	Company drill, manual and firing exercise and skirmishing, well performed.	Yes.	None.	22-32	22-33	Aug. 21	Aug. 22	Inspected by the D.A.G., and referred to in Report.								
do	do	Good.	None.	Yes; 15 performers; good.	do	Company drill, manual and firing exercise, well performed.	do	do	200, 400, and 600 yards.*	22-31	Aug. 21	Aug. 22	Nos. 3, 4, and 6 did not drill.								
do	do	Good.	None.	Yes; 13 performers; good.	do	do	do	do	200, 400 and 600 yards.	24-50	Sept. 7	Sept. 8	*Five rounds at 200 and 600 yds. Ten rounds at 400 yards. Inspected by the Brigade-Major.								
do	do	Good.	None.	Yes; 13 performers; good.	do	do	do	do	200, 400 and 600 yards.	42-00	do	7	do	Nos. 1, 4 and 5 Cos. relieved from drill. Best shot, No. 2 Co., Private A. Manderson. Best shot, No. 3 Co., Private G. McKnight.							
do	do	Good.	None.	Yes; 13 performers; good.	do	do	do	do	200, 400 and 600 yards.	16-78	July 6	July 7	Inspected by the D.A.G. and referred to in Report.								
do	do	Good.	None.	Yes; 13 performers; good.	do	do	do	do	200, 400 and 600 yards.	12-79	July 6	July 7	Nos. 1, 3, 4 and 6 Cos. relieved from drill.								



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 8.—Continued.			Establishment.		Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.
Battalion or Corps,	Companies.	Commanding Officer and Head Quarters.	Corps.		Corps.		Place.	Date.	Number of days' drill performed.		
			Officers.	N. - C. O. and Men.	Officers.	N. - C. O. and Men.					
Independent Company....		Capt. Lloyd, Deer Island.....	3	42	3	31	Company H'dquarters.	Different dates.	12	Not in Camp.	
Independent Company....		Capt. Barberie, Dalhousie.....	3	42	.....	.....	.....	.....	.....	.....	.....
Independent Company....		Lieut. Stewart, St. Stephen.....	3	42	2	32	Company H'dquarters.	do	12	do	
Independent Company....		Bt.-Major McGee, St. George....	3	42	3	42	do	do	12	do	

## performed the Annual Drill for 1877-78.—Continued.

Time required to concentrate the Battalion or Corps.	Cost of rations per head, per diem, at encampment.	General conduct of Corps.	If any, and what casualties.	Whether in possession of Band. Number of Musicians, and proficiency.	General State of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bonâ fide</i> enrolled members thereof, according to the Militia Act.	Number of Non-exercised men, if any.	Target Practice.		Date of Inspection.	Date when drill was completed.	REMARKS.
									Ranges.	Figure of Merit.			
									Battalion.	Company.			
Nil.	Nil.	Good.	None.		Good.	Company drill, manual and firing exercise, well performed.	Yes.	None.	2, 4 and 600 yds.	40-02	July 5	July 6	Inspected by the Brigade-Major and referred to in Report.
													Relieved from drill.
do	do	Good.	None.		do	do	do	do	2, 4 and 600 yds.		Nov. 20	Nov. 21	Inspected by the D.A.G. and referred to in Report.
Nil.	do	Good.	None.		do	do	do	do	2, 4 and 600 yds.	21-70	July 27	July 28	Inspected by the Brigade-Major.



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 2, Col. J. W. LAURIE, D.A.G.M.		Establishment.	Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Officers.	N. - O. O. and Men.	Officers.	N. - O. O. and Men.	Place.	Date.	Number of days' drill performed.	Miles.	Mode.
Halifax Field Battery .....	Major Graham, Halifax.....	5	100	4	73	Halifax .....	Dec. 10 12			Local Headquarters.
1st Brigade Halifax Garrison Artillery.....	6 Lieut.-Col. Mitchell, Halifax...									
No. 1 Battery...	Capt. Heplin, Halifax.....	3	55	2	32	Halifax .....	Dec. 10 12			
No. 2 do .....	Capt. Sanford, Halifax.....	3	55	2	34	do .....	do 10 12			
No. 3 do .....	Capt. Curren, Halifax.....	3	55	2	42	do .....	do 10 12			do
No. 4 do .....	Capt. Oland, Halifax.....	3	55	2	30	do .....	do 10 12			
No. 5 do .....	Cpt. Wainwright, Halifax.....	3	55	1	20	do .....	do 10 12			
No. 6 do .....	Capt. Oxley, Halifax.....	3	55	2	23	do .....	do 10 12			
	Staff .....	7		9						
	Total.....	25	330	20	181					
2nd Brigade Halifax Garrison Artillery .....	6 Lt.-Col. McPherson, Halifax .....									
No. 1 Battery...	Capt. Johnson, Halifax.....	3	55	2	39	Halifax .....	Dec. 11 12			
No. 2 do .....	Capt. Starrs, Halifax.....	3	55	2	33	do .....	do 11 12			
No. 3 do .....	Capt. Stuart, Halifax.....	3	55	1	24	do .....	do 11 12			do
No. 4 do .....	Capt. Dart, Halifax.....	3	55	1	33	do .....	do 11 12			
No. 5 do .....	Capt. Purcell, Halifax.....	3	55	2	35	do .....	do 11 12			
No. 6 do .....	Capt. Lockhart, Halifax.....	3	55	2	39	do .....	do 11 12			
	Staff .....	7		6						
	Total.....	25	330	16	203					

## performed the Annual Drill for 1878-79.—Continued.

Time required to concentrate the Battalion or Corps.	Cost of rations per head, per diem, at encampment.	General conduct of Corps.	If any, and what casualties.	Whether in possession of Band. Number of Musicians, and proficiency.	General state of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bona fide</i> enrolled members thereof, according to the Militia Act.	Target Practice.		Date of Inspection.	Date when drill was completed.	REMARKS.
							Number of Non-exercised men, if any.	Ranges.	Figure of Merit.			
								Battalion.	Company.			
		Good.	None.	Bugles and drum; efficient.	do	Great gun drill, very creditable; Infantry drill in close order, very fair.	do	do	25.45	Dec. 10	Dec. 1	
									18.35	do 10	do 1	
									25.64	do 10	do 1	
									30.25	do 10	do 1	
									30.11	do 10	do 1	
									25.68	do 10	do 1	
									19.65	do 10	do 1	
		do				Great gun drill, very fair; infantry drill, moderately good.	do	do	21.53	Dec. 11	Dec. 1	
									15.89	do 11	do 1	
									9.69	do 11	do 1	
									14.29	do 11	do 1	
									15.17	do 11	do 1	
									15.26	do 11	do 1	
									33.08	do 11	do 1	



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 9.—Continued.			Establishment.	Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Corps.	Corps.		Place.	Date.	Number of days' drill performed.		Miles.	Mode.
			Officers.	N.—C. O. and men.	Officers.					N.—C. O. and Men.	
Lunenburg Battery Garrison Artillery.....	...	Capt. Brown, Lunenburg.....	3	55	2	39	Lunenburg..	Nov. 15	12	Headquarters.	
Mahone Bay Battery Garrison Artillery.....	...	Capt. James, Mahone Bay....	3	55	2	38	Lunenburg..	Nov. 15	12	do	
Digby Battery Garrison Artillery.....	...	Capt. Daly, Digby	3	55	2	29	Digby .....	Oct. 24	12	do	
Pictou Battery Garrison Artillery.....	...	Capt. Gordon, Pictou.....	3	55	3	54	Truro .....	Nov. 27	12	do	
Liverpool Battery Garrison Artillery .....	...	Capt. Grant, Liverpool... ..	3	55	2	37	Liverpool ...	Nov. 14	12	do	
Yarmouth Battery Garrison Artillery.....	...	Capt. Rowley, Yarmouth.....	3	55	2	34	Yarmouth....	Nov. 12			

## performed the Annual Drill for 1878-79.—Continued.

Time required to concentrate the Battalion or Corps.		Cost of rations per head, per diem, at encampment.		General conduct of Corps. If any, and what casualties.		Whether in possession of Band. Number of Musicians, and proficiency.		General State of Clothing, Arms and Accoutrements.		Nature of Movements at Inspection, and how performed.		Whether the men of the several Corps were <i>bond fide</i> enrolled members thereof, according to the Militia Act.		Number of Non-exercised men, if any.		Target Practice.		Date of Inspection.		Date when drill was completed.		REMARKS.	
														Ranges.		Figure of Merit.							
																Battalion.		Company.					
																						</	







MILITARY DISTRICT No. 9.—Continued.			Establishment.		Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Corps.		Corps.		Place.	Date.	Number of days' drill performed.		Miles.	Mode.
			Officers.	N. - C. O. and Men.	Officers.	N. - C. O. and Men.						
66th Battalion ...	8	Lt.-Col. Bremner, Halifax .....										
No. 1 Company ...		Captain Watt, Halifax .....	3	55	2	31	Halifax .....	Dec. 12	12			
No. 2 do ...		Captain Hart, Halifax .....	3	55	2	38	do .....	do	12	12		
No. 3 do ...		Captain Graham, Halifax .....	3	55	2	42	do .....	do	12	12		
No. 4 do ...		Captain Putner, Halifax .....	3	55	2	42	do .....	do	12	12		
No. 5 do ...		Captain Dence, Halifax .....	3	55	2	40	do .....	do	12	12		
No. 6 do ...		Capt. Twinning, Halifax .....	3	55	2	38	do .....	do	12	12		
No. 7 do ...		Capt. Humphrey, Halifax .....	3	55	2	42	do .....	do	12	12		
No. 8 do ...		Captain Reeves, Dartmouth .....	3	55	2	38	do .....	do	12	12		
		Staff .....	8		8							
		Total .....	32	440	24	311						
68th Battalion ...	9	Lieut.-Col. Chipman, Kentville .....	35	495								
No. 2 Company ...		Capt. Beckwith, Canard .....	3	55	2	39						
No. 6 do ...		Captain Borden, Canning .....	3	55	2	39	Canning .....	Oct. 19	12	12	do	
		Staff .....			1		do ...	do	19	12		
		Total .....			5	78						
69th Battalion ...	9	Lt. Col. Starratt, Paradise .....	35	495								
No. 3 Company ...		Captain Wade, Granville .....	3	55	2	38	Paradise .....	Oct. 18	12	12	do	
No. 4 do ...		Capt. Charlton, Port William .....	3	55	2	38	do ...	do	18	12		
No. 9 do ...		Captain Harris, Clementsport .....	3	55	2	38	Bear River ..	do	22	12		
		Staff .....			1							
		Total .....			7	114						

[illegible]



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 9—Continued.			Establish- ment.	Actual strength present at Inspection	Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Corps.	Corps.	Place.	Date.	Number of days' drill performed.		Miles.	Mod
			Officers.	N. - C. O. and Men.	Officers.	N. - C. O. and Men.				
78th Battalion ...	7	Lieut.-Col. Blair, Truro .....	22	295						
No. 1 Company ...		Capt. Lawrence, Truro .....			2	42	Truro .....	Nov. 27 12		
No. 2 do ...		Captain Rayne, nslow .....			2	42	do .....	do 27 12		
No. 4 do ...		Captain Nelson, Shubenacadie .....			2	42	do .....	do 27 12		
No. 5 do ...		Captain Burgess, Windsor .....			2	42	Windsor .....	do 14 12		
No. 6 do ...		Capt. Sutherland, Mill Brook .....			2	42	West River..	Dec. 5 12		
No. 7 do ...		Capt. Sutherland, Maran Mountain Staff .....			2	42	do ...	do 5 12		
					1					
		Total .....			13	252				

Local Headquarters.

## performed the Annual Drill for 1878-79—Continued.

Time 'required' to concentrate the Battalion or Corps.	Cost of rations per head, per diem, at encampment.	General conduct of Corps. If any, and what casualties.	Whether in possession of Band. Num- ber of Musicians, and proficiency.	General State of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bonâ fide</i> enrolled members thereof, according to the Militia Act.	Number of Non-exercised men, if any.	Target Practice.		Date of Inspection.	Date when drill was completed.	REMARKS.
								Battalion.	Figure of Merit.			
		Good.										
		None.										
		Promising ; 24 musicians.										
		Clothing good ; arms undergoing repairs.										
		Nos. 1, 2, 4, 5 & 6.—Battalion drill, close and extended order, very fair. No. 7.—Battalion drill, close and extended order, fair.										
		Stated to be so.										
		200, 400, 500 and 600 yards.										
								14-68		Nov. 27	Dec. 1	
								27-13		do 27	do 1	
								45-58		do 27	do 1	
										do 14	do 1	
										Dec. 5	do 1	
										do 5	do 1	



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 10, Lieut.-Col. W. OSBORNE SMITH, C.M.G., D.A.G.M.			Establishment.		Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Officers.	N.-C. O. and Men.	Officers.	N.-C. O. and Men.	Place.	Date.	Number of days' drill performed.		Miles.	Mode.
Winnipeg Field Battery.....		Lt.-Col. W. H. Kennedy, Winnipeg.....	5	74	4	73	Camp near Fort Osborne.	From 24th June to 5th July.	12	In Camp.	1 1/2	Marched.
Kildonan Infantry Company....		Capt. D. McIntosh Kildonan.....	3	42	2	29	Kildonan....	July 6 12		Drilled at Company Headquarters.		

## performed the Annual Drill for 1878-79—Continued.

Time required to concentrate the Battalion or Corps.	Cost of rations per head, per diem, at encampment.	General conduct of Corps.	If any, and what casualties.	Whether in possession of Band. Number of Musicians, and proficiency.	General State of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bonâ fide</i> enrolled members thereof, according to the Militia Act.	Number of Non-exercised men, if any.	Target Practice.		Date of Inspection.	Date when drill was completed.	REMARKS.
									Ranges.	Figure of Merit.			
		Good.	One sergeant slightly injured by a kick from one of the horses.										
		Good.	Brass band, 15; proficiency fair.										
		Good.	Marching past, field and standing gun drill, fair; competitive driving, good.										
		do	Stated to be.										
		12	200, 400 and 600 yards.						1,400 yards.				
		35.20	July 6	July 6									Practice Report forwarded to Inspector of Artillery at Kingston. G.O. (14), June 22nd, 1877.











MILITARY DISTRICT		Establishment.	Actual strength present at inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.
No. 11—Continued.		Corps.	Corps.		Place.	Date.	Number of days' drill performed.		
Battalion or Corps.	Companies. Commanding Officer and Headquarters.	Officers. N. - C. O. and Men.	Officers. N. - C. O. and Men.	Officers. N. - C. O. and Men.					
Nanaimo Rifles...	1 2nd-Lt. Harvey, Nanaimo.....	3	40	1 20			12	Company Headquarters.	
Victoria Battery ...	Capt. Dupont, Victoria.....	3	50	3 31			20 days, by special authority from Headquarters, Ottawa.	Battery Headquarters.	

[illegible]



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT No. 12, Col. Hon. JOHN H. GRAY, C.M.G., D.A.G.M.		Establish- ment.	Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.  Commanding Officer and Head Quarters.	Corps.	Corps.	Corps.	Place.	Date.	Number of days' drill performed.		Miles	Mode.
		Officers.	N. - C. O. and Men.	Officers.	N. - C. O. and Men.					
Charlottetown Garrison Ar- tillery.....	1 Major Pollard, Charlottetown 2 Major Morris, Charlottetown	3 2	40 42	2 2	36 32	Charlottetown do ... A g.	July 31 12 1 12	Company Headquarters.		City Corps.
Georgetown Battery, Garri- son Artillery.....	Captain Owen, Georgetown.....	2	40	1	33	Georgetown	July 2 12	do		City Corps.
Summerside Battery, Garri- son Artillery.....	Captain Price, Summerside.....	2	40	1	34	Summerside	July 17 12	do		City Corps.

## performed the Annual Drill for 1878-79.—Continued.

Time required to concentrate the Battalion or Corps.	Cost of rations per head, per diem, at encampment.	General conduct of Corps. if any, and what casualties.	Whether in possession of Band. Num- ber of Musicians, and proficiency.	General State of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bonâ fide</i> enrolled members thereof, according to the Militia Act.	Target Practice.			Date of Inspection.	Date when drill was completed.	REMARKS.
							Number of Men.	Non-exercised Men.	Figure of Men.			
							Ranges.	Battalion.	Company.			
do	Good. None.	do	do	do	Company drill, manual and firing exercise, in- differently performed	do	do	do	do	19	July 30	July 30
2 hours.	Good. None.	do	do	do	Company drill, manual and firing exercise, in- differently performed	do	do	do	do	24	July 15	July 15
1 hour.	Good. None.	do	do	do	Arms and accoutrements in good order; clothing bad. Has been issued new since inspection to three of the batteries.	Yes.	do	do	do	30 36	Sept. 28 Aug. 29	Sept. 28 Aug. 29
					No. 1—Company movements, firing exercise, well performed. No. 2—Company drill, firing exercise and with shot and shell, excellent.		No. 1—200 to 500 yards. No. 2—200 to 400 yards.					



## INSPECTION REPORT OF CORPS which have

MILITARY DISTRICT. No. 12.—Continued.			Establishment.		Actual strength present at Inspection.		Muster.			Whether in Camp or otherwise.	Distance the several Corps had to proceed to Muster, and mode of transport.	
Battalion or Corps.	Companies.	Commanding Officer and Head Quarters.	Officers.	N. - C. O. and men.	Officers.	N. - C. O. and men.	Place.	Date.	Number of days' drill performed.		Miles.	Mode.
Charlottetown Engineer Company.....	...	Major Dogherty, Charlottetown	3	40	2	30	Charlottetown	Sept. 24	12	Company Headquarters.	City	Corps.
82nd Battalion...	3	Lt.-Colonel Beer, Charlottetown										
No. 1 Company	...	Capt. Dogherty, Royalty.....	2	40	3	37	Royalty.....	July 15	12			
No. 2 do	...	Capt. McRae, Southport.....	3	40	3	35	Southport...	do 2	12	do		
No. 3 do	...	Capt. Longworth, Charlottetown.	3	41	2	25	Charlottetown	do 15	12			
Prince County Provisional Battalion.....	1	Lt.-Col. Hunter-Duvar, Alberton										
	1	Capt. Maxfield, Alberton.....	2	42	3	38	Alberton.....	July 9	12	do	From 3 to 5 miles.	Marched.

## performed the Annual Drill for 1878-79.—Continued.

Time required to concentrate the Battalion or Corps.	Cost of rations per head, per diem, at encampment.	General conduct of Corps.	If any, and what casualties.	Whether in possession of Band. Number of Musicians, and proficiency.	General State of Clothing, Arms and Accoutrements.	Nature of Movements at Inspection, and how performed.	Whether the men of the several Corps were <i>bona fide</i> enrolled members thereof, according to the Militia Act.	Target Practice.		Date of Inspection.	Date when drill was completed.	REMARKS.
								Number of Non-exercised men, if any.	Figure of Merit.			
								Ranges.				
								Battalion.				
								Company.				
1 hour.		Good.	None.	None.	Arms and accoutrements in good order, clothing bad.	Manual exercise and company drill, fairly performed.	Yes.	None.		Nov. 23	Nov. 8	Target register not received.
3 hours.		Good.	None.	do	Good.	No. 1—Company movements, manual and firing exercise, excellently performed; not one mistake. No. 2—Company movements, manual and firing exercise, very good. No. 3—Company movements, manual and firing exercise, well performed.	do	do	49	Aug. 13	Aug. 13	Target register not received.
4 hours.		Good.	None.	do	do	Company movements, manual and firing exercise, with skirmishing drill; all very well performed.	do	do	12	July 31	July 22	do
								200 to 600 yards.				
								200 to 400 yards.				



(Addition to Appendix No. 1.)

## MILITARY DISTRICT No. 11.

HEADQUARTERS, VICTORIA, B. C.  
21st December, 1878.

SIR,—I have the honor to submit, for the information of the General Officer Commanding, my Annual Report on the state of the Militia in this Military District for the current year 1878-79.

I regret that I have been again unable to comply strictly with General Order No. 11, of the 16th May, 1878, but had I done so, I should have been unable to have inspected either of the Batteries of Artillery in this District, the clothing for which only arrived at Victoria in the latter part of November.

The principal changes which have taken place since my last inspection, which are worthy of note, consist of the construction and mounting with heavy guns, of four rather formidable batteries at Beacon Hill, Macaulay's Point and Brother's Island, for the protection of the City of Victoria, and the Harbor of Esquimalt, which contains Her Majesty's Naval Dock-yard and Magazine. Also the enrolment and training of a battery of garrison artillery to man these batteries.

As, however, I shall have occasion to revert to this subject later in my report, I shall now at once proceed with my remarks upon the different corps in the District, taking them in the order in which they were inspected by me, as shown in my formal report forwarded herewith.

The entire authorized strength of the force in this Military District consists of seventeen officers and two hundred and fifty non-commissioned officers and privates, exclusive of staff, but including band of ten performers.

## NEW WESTMINSTER.

*Seymour Artillery.*

I inspected the Seymour Artillery at the Drill Shed on the evening of the 5th December, 2 officers and 21 non-commissioned officers and gunners being present on parade.

They presented a very smart appearance in the new uniforms which had just been issued to them, though some of them will be improved by alterations, for which there was no time before inspection.

The arms and accoutrements were also in good order, but the latter were not complete, as several articles are still deficient as transferred by (late) Lieutenant commanding, J. T. Scott, to Capt. Pittendrigh, the present Lieutenant commanding the Seymour Artillery.

There are no artillery accoutrements in the District Store from which these deficiencies can be supplied.

The men of this corps being nearly all recruits, I was well pleased with the manner in which they acquitted themselves in a few simple company movements under Capt. Pittendrigh, who proves himself an efficient instructor in drill. He also put a detachment through the firing exercise with one of the 24-pounder brass guns, which was fairly performed.

The authorized strength of this corps is 2 officers and 30 non-commissioned officers and men, but only 25 uniforms having been sent out for their use the roll is at present limited to that number. I have, however, directed Capt. Pittendrigh to complete his roll to the full strength and forward a size roll for five uniforms for transmission to headquarters.

I may here mention that Capt. Pittendrigh has applied for permission to raise the Seymour Artillery to a full battery, and that the matter now stands in abeyance, there being, as yet, no authority for a further increase to the force in this District. He informs me that should authority be given him, he can procure the men without trouble, selecting only such as will be able and willing to attend their drills regularly.

I would strongly recommend that this course be adopted, as Capt. Pittendrigh is an officer of considerable experience in Her Majesty's service, and takes a lively interest in the Militia of Canada, which he has joined under the rank of Lieutenant, and to which he devotes much of his time and attention.

*New Westminster Rifles.*

I next, on the same evening (December 5th), inspected the New Westminster Rifle Corps under command of Capt. Peele.

This corps, which is up to its full strength of 3 officers and 40 men, mustered on inspection parade 2 officers and 34 men, besides Assistant Surgeon Trew, who is attached to them.

The remainder of the corps were reported absent with leave, it being scarcely possible for them to attend on that occasion without loss to themselves and their employers.

The arms and accoutrements of this company were as usual in good order, and notwithstanding that their uniforms have been five years in use, and are therefore out of date, they looked exceedingly smart and soldierlike on parade.

They executed several manoeuvres in company drill, and went through the manual and firing exercises with great precision and steadiness, and in a manner most creditable both to themselves and Capt. Peele, who has principally imparted instruction to them and drilled them himself.

The men expressed a hope that a different style of forage cap would be issued, with their new clothing, and it gave them much satisfaction to learn from me that such was evidently the intention of the Militia Department, from the fact of their having recalled all the unissued forage caps of that class to Ottawa a long time ago, none now remaining in store at Victoria. They were all the more desirous for a change of head-dress, as they had learned that the Victoria Rifle Companies had been supplied with shakos, which, there can be no doubt, adds much to their appearance.

*Drill Shed.*

The drill shed has been much improved since last inspected by me, the corps, with the assistance of some contributions from the citizens of New Westminster, having entirely ceiled, and partially lined the building, which, with the addition of the stoves and chimneys allowed by the Militia Department recently, has made a vast difference both in regard to its comfort and general appearance, and no doubt has greatly added to the strength and durability of the shed.

*Guns.*

The guns are, as before specially reported, quite unserviceable, owing to the rotten condition of their carriages, one being utterly useless, and the other scarcely safe for practising with shot or shell, even in its present position, and totally unfit to be moved in case of such necessity arising at any time.

I trust the Militia Department will take into consideration the advisability of applying to Parliament, at its next Session, for funds for supplying brass 7-pounder Abyssinian guns for the use of this corps, as recommended by me in my Report, dated the 6th May, 1878.

*Artillery Harness.*

Mr. Murray still holds in his possession the artillery harness, frequently reported upon by me in former communications (for last of which see my letter of 10th January, 1878), and refuses to give it up until his claim for taking care of same has been settled by the Militia Department.

In the absence of instructions upon this subject from headquarters, I did not think it advisable to interfere with him in the matter, and did not therefore ask to inspect it.



## VICTORIA.

*Victoria Rifles.*

I inspected Companies Nos. 1 and 2, Victoria Rifles, on the 9th December, and was much disappointed at so small a muster as that shown in my formal report.

The authorized strength of these companies is six officers and 90 men, including ten bandmen, of which only three officers and 29 men were present at inspection. Two of the vacancies for officers, however, are not filled, and Capt. Vinter, commanding No. 2 Company, is sick, and could not possibly attend.

I must also state that the two companies are together 21 men short of their authorized establishment, which still however leaves a large number absent without leave, only eight being absent with leave and two reported sick.

Those who were present looked well and presented quite a soldierly appearance in their new shakos, which is certainly a far more becoming head-dress than the old forage-cap.

The arms and accoutrements of these companies were in very creditable order, but some of the clothing, which has been five years nearly in use, looked very shabby. They are, however, entitled to a new issue of clothing in the month of February, 1879.

They went through the manual and firing exercises and company drill very well indeed, and were it not for the smallness of the muster they would have given me the greatest satisfaction.

There can be little doubt the artillery drill and practice is much more to the taste of the majority of young men, and, in addition, the uniform being much more attractive, has made it the popular corps with recruits, and even many who had served their three years in, and retired from the Rifles, have rejoined the Artillery. This in some measure helps to account for the small muster.

## NANAIMO.

*Nanaimo Rifles.*

In consequence of the accoutrements and clothing of the Victoria Artillery not having as yet been properly fitted to the men, at the request of Capt. Dupont I deferred my inspection of the Victoria Battery under his command until my return from Nanaimo, for which station I started early next morning.

I inspected the Nanaimo Rifles, under the command of Lieutenant James Harvey, on the 11th instant, and was also somewhat disappointed with his muster, although his explanation seemed reasonable.

The authorized strength of this Company is 3 officers and 40 men, and as far as the men are concerned the roll is full, but Lieutenant Harvey has been for nearly two years the sole officer in the Company, and although recommended by me for promotion to the rank of Captain in February, 1877, (the necessary Transfer Receipt being afterwards forwarded on the 27th October, 1877) his name has not as yet appeared in the *Gazette* as Captain.

I called attention to this fact in my last Annual Report (see page 274,) under the head of "Nanaimo Rifles."

The men only mustered 18 at inspection, but their arms, clothing and accoutrements were in most perfect order.

For want of a drill shed they were obliged to assemble in a sash and door factory, which, by the proprietor, was placed at their disposal for the occasion, and partially cleared of its contents. It was still, however, much hampered with benches and lumber, which, although piled closely against the walls, barely afforded room for this small company to advance in line. Notwithstanding these great disadvantages, Lieutenant Harvey contrived to execute several movements in company drill in a manner which reflected great credit on the men, and proved him a most competent drill.

The manual and firing exercises were also performed to my entire satisfaction, and taking into consideration the difficulties of the situation, I was constrained to

highly compliment both the officer and men on the progress they had made since my last inspection.

In explanation of the small attendance, Lieut. Harvey informed me that several of his men were absent on a logging expedition up the Nanaimo River, and could not possibly have been present, even had it been practicable to summon them, which could not have been done without considerable difficulty and expense.

Others were taking their regular shifts in the coal pits, and could not absent themselves from their work without seriously inconveniencing their employers, and inflicting heavy loss upon themselves, not only for their own time, but also for the time of the men whom they employ to run the coal from their workings to the surface. A portion of his Company also are workmen in, and reside at the Wellington Mine, a distance of seven miles from Nanaimo City, which makes it highly inconvenient for them to attend, in inclement weather particularly, although they would always be available in case of any emergency.

To obviate these difficulties, Lieut. Harvey proposes, should he obtain the sanction of the Department, to increase the strength of his Company to 50 or 60 men, one-half to be raised at Nanaimo, and the other at Wellington. This, he considers, will always insure a fair turnout for drill at each locality, and as his business is of a nature such as to necessitate his presence at one place nearly as much as at the other, he will always be in a position to superintend the drill, and be responsible for the efficiency of each half-company.

He also proposes to appoint an efficient drill instructor as subaltern officer to each half-company, and that they shall meet half way frequently during the summer season for drill and instruction under himself, with their respective sub-commands.

I fully approve of Lieut. Harvey's plan of organization, and beg to recommend its adoption to favorable consideration.

In reference to a proposition of the Department (conveyed through me by your letter dated 29th May, 1878) to contribute the sum of three hundred and fifty dollars (\$350) towards the erection of a drill shed at Nanaimo, I have to inform you that the local authorities at that place refuse to undertake the construction of a suitable building for that sum, or in fact to have anything whatever to do with it.

On the contrary, I regret to state that they have latterly even prohibited the Militia—as I am informed by Lieutenant Harvey—from using the Mechanics' Institute for drill purposes, which concession has always hitherto been granted until lately.

Should Lieutenant Harvey's plan be adopted by the Department, and the corps be allowed to count their drill from the 1st of January to the 30th November, in each year, I think that for the present at all events, a drill shed could be dispensed with altogether, as the company would perform their drill and target practice during the most element seasons of the year, and at such times as would enable them to operate in the open air, which, when practicable, I consider far preferable to any training they could acquire in a drill shed.

Under those circumstances I should always make it a point to inspect this corps early in the autumn, when the weather is almost invariably favorable, and steam-boat communication more frequent and less irksome.

## VICTORIA.

*Victoria Battery.*

I returned to Victoria on the night of the 13th instant and inspected the Battery of Victoria Garrison Artillery, under the command of Captain Dupont, at 3 p.m., on the 14th, on Beacon Hill, on which occasion I was honored by the presence of the Lieutenant-Governor, who was received with the usual honors, and inspected the men.

Of the arms and clothing it is needless to remark, (all being perfectly new and paraded for the first time,) further than that the clothing had all been well fitted and looked particularly neat. I may, however, here mention that the accoutrements in



store were only sufficient for 20 men, and therefore a number of the men had to appear without them.

A requisition will be forwarded without delay for the number required to make good the deficiencies.

After inspection the battery marched to Finlayson Point Battery, where they fired four rounds of each shot and shell from the two 64-pounder M. L. R. guns, there mounted, at a target anchored 1100 yards from the battery.

The guns were well served and the practice was remarkably good, none of the shots missing the target by more than three feet laterally, or, as I should judge, four feet perpendicularly, two of the shells actually bursting directly over the target and within from three to four feet of it.

Captain Dupont commanded the Battery, and his subaltern officers were in charge of their respective guns.

Both officers and men acquitted themselves exceedingly creditably on the occasion, and showed that they had not forgotten the training and instruction imparted to them by that able and zealous officer Lieut.-Colonel Irwin, Inspector of Artillery, who spared no pains and shrunk from no personal labor in order to bring the corps up to the highest possible standard of efficiency during his short stay in Victoria, notwithstanding the other arduous duties which claimed his attention in connection with the construction of batteries at Beacon Hill, Nyas's Point, Macaulay's Point, and Brother's Island.

I have again to thank Dr. Matthews for his attendance at this, as well as all previous firing practices, at all of which he has been present at my request, and tendered his services gratuitously.

I beg leave here again to urge most respectfully upon the notice of the General Officer commanding, the advisability of appointing a medical officer to have charge of the Militia Force at Victoria, as in the event of their being at any time called upon for active service suddenly, it might be impossible to obtain the services of Assistant Surgeon Trew, who resides at New Westminster, on the mainland of British Columbia, and would not therefore be available in such a contingency. I may further add that while there are only two companies at New Westminster, there are three at Victoria and one at Nanaimo, all of which would come more immediately under the care of a medical officer stationed at Victoria, as there is no regular direct communication between New Westminster and Nanaimo.

These considerations, added to the fact that Sec. 137 of the Militia Regulations provides that a medical officer should be present on all occasions of firing practice, induce me to again recommend that Dr. Joseph Beauchamp Matthews, M.R.C.S., England, and L.S. Apothecaries, London, as requested by me in former communications, be appointed Assistant Surgeon of Militia to the Victoria Artillery.

#### *Batteries.*

I have made frequent inspections of the batteries since taking them over from Lieut.-Colonel Irwin, and found everything in good order. Since the setting in of the rainy season, however, I am informed by the caretaker that some damage has occurred to both the storehouses and magazines at Macaulay's Point and the Beacon Hill Batteries, through rain leaking through the earth roof, and that some of the stores have been slightly damaged thereby. He also reports that the door of one of the storehouses has been broken into, and a wheelbarrow stolen therefrom.

I have not had time to make a personal inspection of the premises, as since my return from Nanaimo my time has been fully occupied, one day by inspection and the remainder by a Board of Examination under your orders. I shall therefore forward a special report on the state of the batteries, which I purpose visiting with that view without delay.

I have the honor to be, Sir,

Your obedient servant,

C. F. HOUGHTON, Lieutenant-Colonel,  
Deputy Adjutant-General, Military District No. 11.

## APPENDIX No. 3.

### REPORT OF THE DOMINION INSPECTORS OF ARTILLERY AND WARLIKE STORES.

CITADEL, QUEBEC, 23rd December, 1878.

SIR,—I have the honor to report that during the past year I inspected the Artillery of the various Provinces, shown in the annexed Parade State; also such forts and armaments, and warlike stores as are referred to under their respective headings. I enclose herewith the Reports of the Inspector of Artillery for the Province of Ontario, and of the Assistant Inspector for the Maritime Provinces. The report of the former includes that on the Battery of Artillery at Victoria, in British Columbia.

His detailed report on the construction of the batteries was forwarded to the General Officer Commanding. Lieut.-Colonel Irwin was good enough also to send me a copy with plans, which reflects great credit on the ability and energy with which he carried out his instructions, and has no doubt met the approval of the General Officer Commanding.

In forwarding the reports of the Inspector of Artillery for Ontario, and the Assistant Inspector of Artillery for the Maritime Provinces, I would draw special attention to their remarks as to the advisability of allowing the Inspectors of Artillery to fix the dates of their inspection. I have long felt the inconvenience and extra expense entailed by the Deputy Adjutants General of the six or ten Military Districts (I sometimes inspect) fixing on the same day for my inspection at places many hundred miles apart. The inspection on the same day as myself is also an inconvenience occupying so much of the short time available.

I have the honor to be, Sir,

Your obedient servant,

T. BLAND STRANGE, Lieut.-Colonel,  
Inspector of Artillery.

To the Adjutant General of Militia,  
Canada.



[illegible]

No. 5.	Richmond Field Battery.	Major the Hon. M. Aymer.	24-pounder smooth bore, Howitzer.	On parade In camp.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 
--------	-------------------------	--------------------------	-----------------------------------	-----------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



Military District.	Name of Battery.	Name of Commanding Officer.	Armament.	Distribution.	Field Officers.	Staff Officers.	Captains.	Lieutenants.	Surgeons.	Veterinary Surgeons.	Staff Sergeants.	Sergeants.	Corporals.	Bombardiers.	Gunners and Drivers.	Trumpeters.	Artificers.	Bandmen.	Recruits.	Total.	Horses.	1st Class Certificates.	2nd Class Certificates.	3rd Class Certificates.	4th Class Certificates.
No. 8.	Newcastle Field Battery.	Major Call.....	9-pounder smooth bore and 24-pounder Howitzer.	On parade..... On guard..... Employed..... Total .....	... ... ... ...	... ... ... ...	1 1 1 ... ... 1 1 1	1 1 1 ... ... 1 1 1	1 1 ... ... 1 1	... ... ... ...	5 3 4 ... ... 5 4 4	5 3 4 ... ... 5 4 4	3 4 ... ... 3 4	39 1 3 2 44 1	39 1 3 2 44 1	1 ... ... 1	1 ... ... 1	1 ... ... 1	... ... ... ...	55 28 4 2 61 28	28 ... ... 28	... ... ... ...	... ... ... ...	... ... ... ...	
No. 8.	New Brunswick Brigade of Garrison Artillery.	Lt.-Col. Foster .....	32-pounder. ....	On parade..... Absent with leave..... Absent without leave..... Total .....	2 2 3 1 1 2 ... 3 3 5	2 2 3 1 1 2 ... 3 3 5	2 3 5 1 2 1 ... 2 3 5	2 3 5 1 2 1 ... 2 3 5	2 3 5 1 2 1 ... 2 3 5	2 16 13 4 2 6 ... 2 20 15	2 16 13 4 2 6 ... 2 20 15	9 10 7 3 7 ... 15 4 5	9 10 7 3 7 ... 15 4 5	5 37 10 5	5 37 10 5	... ... ... ...	... ... ... ...	... ... ... ...	164 54 ... 228	... ... ... ...	... ... ... ...	... ... ... ...	... ... ... ...		
No. 9.	Halifax Field Battery.	Capt. Graham .....	6-pounder breech-loading rifle.	On parade..... Absent..... Total .....	... ... 3 3 5	... ... 3 3 5	... ... 3 3 5	2 1 1 3 5 6	2 1 1 3 5 6	... ... 2 20 15	8 4 3 ... 20 15 15	8 4 3 ... 20 15 15	3 30 2 1 27 5	3 30 2 1 27 5	2 27 5	2 27 5	... ... ...	... ... ...	... ... ...	49 12 30 228	12 30 228	... ... ...	... ... ...	... ... ...	
No. 9.	1st Halifax Brigade of Garrison Artillery.	Lt.-Col. Geo. Mitchell.	32 & 24-pounder smooth bore.	On parade..... Total .....	2 ... 2 5 4	2 ... 2 5 4	2 ... 2 5 4	2 ... 2 5 4	2 ... 2 5 4	... ... 8	8 ... 8	8 ... 8	4 ... 4	4 ... 4	75 1 ... 75 1	75 1 ... 75 1	1 ... 1	1 ... 1	95 ... 95	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	
No. 9.	2nd Halifax Brigade of Garrison Artillery.	Lt.-Col. Macpherson	32 & 24-pounder smooth bore.	On parade..... Absent..... Total .....	1 ... 2 2 4	1 ... 2 2 4	1 3 1 1 2 4	1 3 1 1 2 4	1 3 1 1 2 4	8 ... 8	8 ... 8	8 ... 8	... ... 58	... ... 58	2 ... 2	2 ... 2	... ... ...	... ... ...	... ... ...	73 3 76	... ... ...	... ... ...	... ... ...	... ... ...	

No.	St. Andrews Battery, N.B. Brigade Garrison Artillery.	Capt. E. S. Hyslop	32-pounders	On parade..... Range duty..... Absent with leave..... Total.....	1 1 1 1	1 1 1 1	1 1 1 1	3 1 1 3	2 1 1 3	29 2 4 35	37 4 4 45
No. 8.	Lunenburg Battery of Garrison Artillery.	Capt. Brown	32-pounders	On parade.....	1	1	1	1	1	39	41
No. 9.	Mahone Bay Battery of Garrison Artillery.	Capt. James	32-pounders	On parade.....	1	1	1	1	1	39	41
No. 9.	Digby Battery of Garrison Artillery.	Capt. Daly	32-pounders	On parade.....	1	2	1	1	1	29	32
No. 9.	Liverpool Battery of Garrison Artillery.	Capt. Grant	32-pounders	On parade.....	1	1	1	1	1	34	36
No. 9.	Yarmouth Battery of Garrison Artillery.	Lt.-Col. Rowley	32-pounders	On parade.....	1	1	1	1	1	34	36
No. 9.	1st Halifax Brigade of Garrison Artillery.	Lt.-Col. G. Mitchell	64-32-pounder..... 32-pounder..... 24-pounder.....	Brigade Staff..... No 1 Battery..... 2 do..... 3 do..... 4 do..... 5 do..... 6 do..... Total.....	2 2 1 1 1 1 1 1	2 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1	2 3 3 2 2 3 1 1	14 24 21 27 16 10 14 112	20 29 26 31 19 14 17 156	



Military District.	Name of Battery.	Name of Officer Commanding.	Armament.	Distribution.	Field Officers.	Staff Officers.	Captains.	Lieutenants.	Surgeons.	Veterinary Surgeons.	Staff Sergeants.	Sergeants.	Corporals.	Bombardiers.	Gunners and Drivers.	Trumpeters.	Artificers.	Bandsmen.	Recruits.	Total.	Horses.	1st Class Certificates.	2nd Class Certificates.	3rd Class Certificate.	4th Class Certificates.	Remarks.
No. 9.	2nd Halifax Brigade of Garrison Artillery.	Lt.-Col. D. Macpherson.	64-32-pounder 32-pounder 24-pounder	On parade Absent with leave Absent without leave Wanting to complete Total	2	1	2	6	1	1	12	1	1	1	81	4	...	...	...	108	2	...	...	...	...	...
					2	1	4	1	1	1	13	1	1	23	4	...	...	...	...	175	34	...	...	...	...	...

MILITIA ARTILLERY, PROVINCE OF ONTARIO.

	Present at Inspection.			Certificates.				Recruits.	Remarks.
	Officers.	N.-C. Officers & Gunners.	Horses.	1st Class.	2nd Class.	Attendance.	Military School Artillery.		
Field Battery Establishment .....	6	74	28	...	...	...	...	...	
London Field Battery .....	...	...	...	...	...	...	...	...	Inspected by District Staff.
Wellington do .....	4	74	23	7	...	6	...	24	
Ontario do .....	3	74	23	1	...	...	3	74	
Welland Canal do .....	2	54	28	2	1	4	1	17	
Hamilton do .....	5	70	28	4	1	5	...	16	
Toronto do .....	4	74	28	...	...	...	...	...	
Durham do .....	5	72	28	5	3	1	...	11	
Kingston do .....	...	...	...	...	...	...	...	...	Inspected by Lieut.-Col. Strange, R.A., Inspector of Artillery.
Gananoque do .....	...	...	...	...	...	...	...	...	
Ottawa do .....	...	...	...	...	...	...	...	...	
Garrison Battery Establishment .....	3	42	...	...	...	...	...	...	
Collingwood Garrison Battery .....	...	...	...	...	...	...	...	...	No Return. Inspected by District Staff.
Goderich do .....	...	...	...	...	...	...	...	...	Did not perform annual drill.
Sarnia do .....	2	36	...	...	...	...	...	23	
St. Catharines do .....	2	35	...	1	1	2	...	7	
Toronto do .....	1	30	...	1	1	...	...	...	
Port Hope do .....	2	34	...	...	...	...	...	19	
Trenton do .....	2	42	...	3	...	2	...	7	
Cobourg do .....	...	...	...	...	...	...	...	...	Inspected by D.A.G.
Napanee do .....	...	...	...	...	...	...	...	...	Not authorized to drill this year.



*Kingston Field Battery.*

On the 28th June I inspected the Kingston Field Battery, commanded by Cap H. Wilmot. The gun practice was not carried out during the short time I was able to remain at Kingston, but was superintended by Major Holmes, "A" Battery, and reported good. On the 1st July this battery was brigaded with the Gananoque Field Battery, when I had a further opportunity of seeing them.

The men are of a suitable class—mostly independent farmers—the drivers owning their own horses, which are serviceable. The uniforms, arms, accoutrements and harness were in good order, except whips, which are much needed. The carriages require repainting. The standing gun drill was good, and questions on material, &c., were well answered; the knowledge of field movements was very limited. On the whole I do not think, considering their proximity to the Gunnery School, that this battery have availed themselves of its advantages as they should have done.

*Ottawa Field Battery.*

I inspected the Ottawa Field Battery, commanded by Capt. J. Stewart, on the 2nd and 3rd July. On the latter day I superintended competition gun practice, which was fair.

I find this a solid, serviceable battery, well manned and horsed; arms, accoutrements, clothing, harness and gun equipment in good order. The officer in command knows his drill, but I found the non-commissioned officers and men deficient in a knowledge of ammunition.

*Gananoque Field Battery.*

I inspected the Gananoque Field Battery, commanded by Major W. McKenzie, on the 1st July; but as that was a parade for Dominion Day my opportunities of minute inspection were limited, and the battery had made a long march, arriving at Kingston in a very creditable condition, though a little late on the ground. From previous inspections I know the zeal and ability of the commanding officer, and I believe the battery to be as efficient as heretofore.

The competitive gun practice was supervised by Capt. Peters, "A" Battery, S.G., Kingston, who acted as range officer. I detailed him for this duty, a temporary indisposition prevented my being able to arrive on the day fixed by the Deputy Adjutant-General of the district.

*Montreal Field Battery.*

Commanded by Lieut.-Colonel Stevenson. From the nature of the service for which they were called out, on the 12th July, this battery had but little time to prepare, by steady drill in field movements, for my inspection on the 13th. Their field drill was not, therefore, so well done as usual; but the commanding officer's long experience and zeal, the number of non-commissioned officers who have passed through the branch Gunnery School, the great number of unpaid evening drills, for which they gained the Dominion Artillery Association prize (of a field glass for their commanding officer), made this battery rank high in intelligent knowledge of gunnery and ammunition. The men are of an intelligent class; the horses, supplied by the Grand Trunk, are the most powerful I have seen in any battery. The uniforms are in excellent order, being supplemented by busbies at their own expense. The harness, gun equipment, &c., were well turned out, giving the battery its usual soldier-like, smart and serviceable aspect. Sergt. Instructor Lyndon, "B" Battery, assisted at the training of this battery, and superintended the Branch School of Gunnery at Montreal during the past winter, with very good results. I superintended the competitive gun practice of this battery at the Island of Orleans, to which the battery came from Montreal at their own expense. The gun practice was excellent, and only a few points behind the highest score: that of the Shefford Field Battery.

*Shefford Field Battery.*

Commanded by Lieut.-Colonel Amyrauld. I inspected this very efficient battery on the 3rd September. The commanding officer and his subaltern officers, Lieutenants Kay, Neil and Mitchell, have all passed with credit through the School of Gunnery, as well as a large proportion of the non-commissioned officers and many of the men, who are of fine physique and intelligence, mostly farmers, owning the horses of the battery. The uniforms, arms, accoutrements, harness and carriages of the battery are in good order, though requiring repainting; the equipment is incomplete in some respects, notably waist-belts, as pointed out in previous reports. Helmets, purchased at their own expense, add to the soldier-like appearance of the men. They also maintain a band. The gunnery questions were intelligently answered, and the example set by the officers of qualifying themselves at the Gunnery School has had a manifest effect on the efficiency of the whole battery.

On the 4th September I superintended the competitive gun practice, which is the best on record with the 9 pr. M.L.R., and has, I believe, obtained for the commanding officer the prize of field-glasses given by the Dominion Artillery Association, a distinction well merited for the years of patient energy this officer has shown, and the high credit his ability gained for him while at the Gunnery School.

*Richmond Field Battery.*

Commanded by Major the Hon. Henry Aylmer, late of the Royal Marine Artillery. Owing to the dates of various inspections interfering with each other, I was obliged to inspect this newly-formed battery before they had completed their period of drill, and the time was too limited to allow of a minute inspection on that day, 26th June. I saw enough, however, to satisfy me that the battery could not be in better hands than in those of the able and professionally experienced officer who commands it. The two senior subalterns, Lieutenants Hetherington and Beattie, have passed through the Gunnery School, obtaining 1st class certificates, and as many of the non-commissioned officers and men as could obtain admission also entered the school. The men are of a very suitable stamp, fine young resident farmers owning the horses. The uniforms are incomplete without swords and belts. The gun carriages are very old, some of the wheels showing signs of rot, the whole carriage equipment requires repairing and repainting. The gun axle seats are dangerous without guard irons. I trust the 24-pounder Howitzer will soon be exchanged for 9-pounder M.L.R. guns. The remarkable steadiness the men had already acquired, from the experienced handling of the Commanding Officer, bodes well for the future efficiency of this young battery.

Lieut.-Colonel Montizambert acted as umpire, and Capt. Short as range officer at the competitive gun practice of this battery, which had unfortunately to be interrupted from the proximity of houses to the range. The practice was finished at a later date under the superintendence of Major Aylmer himself.

*Quebec Field Battery.*

Commanded by Lieut.-Colonel Baby. Inspections elsewhere prevented my seeing this battery. I delegated to Lieut.-Colonel Montizambert the artillery inspection. His report I append. This battery has availed itself of its proximity to the Gunnery School, through which the whole of the officers have passed, and as many of the non-commissioned officers and men as could be admitted by the limited number of short-course men allowed 10 at one time, or 30 per annum for the whole Province of Quebec, as well as from the Maritime Provinces. The zeal and energy of Lieut.-Colonel Baby and Capt. Crawford Lindsay, however, in a great measure, supplemented the instruction by forming voluntary evening classes, which were examined by myself and the Adjutant of the Gunnery School, Capt. Oscar Prevost. The efforts of these officers are deserving of praise, and the success they have obtained in the increased efficiency of the battery. The competitive gun practice at Orleans Island was superintended by Lieut.-Colonel Montizambert, Captain Short, Range Officer.



## REPORT OF LIEUT.-COLONEL MONTIZAMBERT ON THE QUEBEC FIELD BATTERY.

CITADEL, QUEBEC,

26th November, 1878.

SIR,—I have the honor to report that on the 3rd August last I accompanied Lieut.-Colonel Duchesnay, D.A.G., on his inspection of Lieut.-Colonel Baby's Battery, Quebec Field Artillery.

I found the different manœuvres fairly well performed, considering the short number of days allowed for training.

Their gun drill was remarkably good, and turn out of men, horses and guns was a very great improvement on last year. Many of the non-commissioned officers and men of this battery have lately been through a course in the Quebec Gunnery School, and I think the battery a very efficient one.

I enclose a parade statement showing the strength of the battery on that day.

I have the honor to be, Sir,

Your obedient servant,

(Signed) C. E. MONTIZAMBERT,  
Capt. and Brevet Lieut.-Colonel "B" By., S. G., Q.

The Inspector of Artillery,  
Quebec.

*Newcastle, N.B., Field Battery.*

Commanded by Major R. Call. On the 26th and 27th July I inspected this battery and superintended the competitive gun practice, which was very good. This battery labors under disadvantages which are not the fault of the commander, who is an able and zealous officer. Since the battery was called out on service some four years ago (on the occasion of the Caraquette riots), there have been unavoidable deficiencies of equipment produced by a long march and a protracted service. They have never been replaced from the Store Department, though a board of officers recommended that course after an investigation of the circumstances. The harness of the battery is, therefore, still deficient in some items; the accoutrements were not supplied complete when it was changed from an infantry company of 40 to a field battery of 75 men. Some of the men are without forage caps, some without trowsers, and the mixture of slouch hats and pantaloons of various colors is not conducive to that pride in himself, and *esprit de corps* which good soldiers should have. These matters have all been reported and I trust will no longer be left in abeyance. The guns are old smooth-bore 9 pounders and a 24-pounder Howitzer. I trust 9-pounder M.L.R. will shortly be supplied as there are no rifled field guns in New Brunswick. In other respects I found the battery efficient, the men and horses of a good stamp, the drill very steady, and the knowledge of ammunition, &c., fair, considering their remoteness from a Gunnery School and the small proportion of non-commissioned officers and men who could be permitted to go to Quebec. None of the officers of this battery have passed through the Gunnery School.

*Woodstock, N.B., Field Battery.*

Commanded by Capt. F. Herbert Dibblee. The time of training of this battery being coincident with that of other batteries I had to inspect in Ontario, in consequence of the absence of Lt.-Colonel Irwin in British Columbia, prevented my inspection of the Woodstock Field Battery, but they were very favorably reported upon by the Deputy Adjutant General of the district, Lt.-Colonel Maunsell. Their armament is 9 pounder smooth-bore and 24 pounder Howitzer, which, I trust, will shortly be changed for 9 pounder M.L.R. guns.

One of the batteries at Charlottetown might, with advantage, be converted into a field battery. Lieut. Irving, who has qualified at the Quebec Gunnery School, would, I believe, be a good Field Artillery officer.

*Halifax Field Battery.*

Commanded by Major Graham. I inspected this battery by moonlight on the evening of the 14th of August. It is to be regretted that the commanding officer could not have arranged a daylight parade. He was not present himself on parade, nor was he present at my previous inspections. As far as I could judge the non-commissioned officers and men knew their standing gun drill, but none of the officers present nor the men had any notion of field movements. Their knowledge of artillery material, &c., was very limited. The armament is 6-pounder breech-loading rifled Armstrong guns, drawn by two horses, tandem fashion, driven by a man on the limber box. I do not consider the equipment a serviceable one. It is an old established corps, and the men are by no means deficient in intelligence. The only officer who has attended the Gunnery School is Lieut. Imlah, who is a very able and efficient officer. He was not present when I inspected the battery, being at the Gunnery School. I do not know how they carried on their gun practice as they have not complied with the regulations on this head for the past two years. I trust the Assistant Inspector of Artillery, Lieut.-Colonel Price Lewes, will be able to bring this Battery more into harmony with the rest of the Field Artillery of the Dominion.

*Field Artillery Generally.*

Considering the small cost to the Government, and the consequent short period allowed for training—12 days—I consider the Canadian Militia Field Artillery in a remarkable state of efficiency. I trust the number of horses will be increased to six per gun, with three spare in case of accidents, making a total of 45 horses, per battery. The issue of black leather gaiters up to the knee and strapped spurs to mounted non-commissioned officers and men, though apparently a trifling matter, would tend much to efficiency; the trowsers, often without straps, wrinkle up towards the knees, unsightly in appearance; they would gall the leg of a man riding any distance. The deficient and irregular supply of whips and spurs render good driving impossible, and has been a source of accident as at Hamilton, Ont., when a gun team going up a steep incline could not be kept up to the collar, and were precipitated down a declivity, in this instance, fortunately without loss of life.

Instead of the importation of the cumbersome ammunition waggons, I would recommend the adoption of a system of an enlarged limber supply as more handy, with fewer horses and less difficulty in driving, &c., as proposed by Major Ellis, R.A.

The Dominion Artillery Association has, I think, by producing a spirit of emulation, been largely conducive to the present efficiency of the Field Artillery, while the system of efficiency badges for unpaid drills has been largely conducive of good results, especially to the artillery in cities and towns. A complete Field Battery of Instruction at each of the Gunnery Schools is absolutely necessary before instruction in field movements can be given.

*The Brigade of Montreal Garrison Artillery.*

Commanded by Lieut.-Colonel D. Torrance Fraser. Six batteries. Capt. J. W. Molson, Acting Adjutant. I inspected this brigade on the 23rd November, on the Champ-de-Mars, in company with the Deputy Adjutant-General of the District, when they performed battalion drill with steadiness and precision. They were subsequently examined in artillery exercises proper, in which they showed great proficiency. Uniforms, arms and accoutrements were in good order, except a short issue of great coats. The brigade has supplied itself with winter caps at their own expense, and are purchasing busbies. Lieut.-Colonel Fraser and his officers have worked hard and persistently for the efficiency of this brigade, and have succeeded in establishing a remarkable fine body of men. Well drilled both as infantry and artillery. They have a good fife and drum band. The branch school of gunnery under Assistant Gunnery Instructor Lyndon, B. Battery, has been productive of much good. After written and practical examinations, seven officers and twelve non-commissioned officers and gunners obtained certificates.



The officers and sergeants were instructed by Sergeant Instructor Lyndon, and they and the non-commissioned officers subsequently instructed their men at evening voluntary drills. A large proportion will gain the efficiency badges presented by the Dominion Artillery Association. The following artillery exercises were admirably performed in my presence under the undermentioned officers:—

No. 1 Battery, Capt. G. Forbes, standing gun drill.

No. 2 do do A. K. F. McAllen, standing gun drill, dismounting 24 pounder down rear by plank and roller, and mounting up the rear on long skids with tackle.

No. 3 do Lieut. W. H. Laurie, sling waggon, placing carriage, slinging gun, &c.

No. 4 do Capt. J. A. Currie, gyn drill, &c.

No. 5 do do T. F. Turnbull, mortar drill.

No. 6 do Lieut. F. Birks, standing gun drill and trench cart exercise.

Officers, non-commissioned officers and gunners, in addition to the practical exercises, were minutely questioned, and showed an intelligent knowledge of gunnery, ammunition and stores. At the risk of being invidious I must give credit where I think it due, and must state I find this brigade the most efficient of any Garrison Artillery I have inspected this year, as far as drills and exercises go. The difficulty of a suitable range for heavy gun practice prevents their firing until the ice forms on the St. Lawrence. On the 19th December the competitive trials for shifting ordnance took place under my supervision. The results were remarkably quick and accurate, work and time, as follows:—

No. 1 Battery, Capt. Forbes, 2 minutes and 30 seconds.

No. 2 do do McAllen 1 do 57 do

No. 4 do do Currie, 4 do 0 do

The prize will be a hand-book for field service to commander of the detachment, together with \$20 to the men, presented by the Deputy Adjutant-General.

The terms of competition were, viz:—

(Circular No. 29.)

#### DOMINION ARTILLERY ASSOCIATION.

Shifting ordnance competition open to all Garrison Artillery Corps affiliated with the Dominion Artillery Association, exclusive of the Gunnery Schools.

A gun 50 cwt. or thereabouts, sights removed, resting on two short skids on the ground, to be mounted by an officer or non-commissioned officer with a detachment of 20 gunners, all *bona fide* members of the corps competing, the gun to be mounted up the rear of a standing garrison carriage, and lowered into the trunnion holes, stores replaced, gun ready for service (except sights) stool-bed, coin, etc., replaced.

Prize to the detachment doing the shift in the shortest time: Gold embroidered badge, and "Hand-book for Field Service," for the commander of the detachment; \$20 for the detachment.

*Stores Allowed.*—Dragropes heavy, 2; Handspikes, 8; Luff tackles, complete, 2; Rollers, 14 in. x 5 in., 1; do. 24 in. x 5 in., 2; do. ground, 1; Scotchies, 8; Skids, 14 ft. x 8 in., 2; do. 3 ft. x 4 in. x 4 in., 2; Straps or selvagees, 2.

The shift to be carried out as near as possible in the following detail:—

#### To Mount the Gun.

Commands:—

Prepare to raise the breech—lift.

Place the roller.

Lower.

Place skids—hook tackles.

Taut.

Heave.

Remove skids—unhook tackle.

Explanation:—

"Prepare to raise the breech."—Nos. 12, 13, 14 and 15 apply their handspikes under the breech of the gun, at "lift," they lift together, 6 and 7 remove the rear skid and place the roller near the centre of gravity.

"Lower."—The breech is lowered.

"Place skids," "hook tackles."—Nos. 8, 9, 10 and 11 place the long skids, the upper end, bevel up, resting on the breast transom, and the lower end on the ground under the muzzle of the gun, arranged so that their upper surfaces are high enough to allow the trunnions to clear the top step of the carriage. No. 8 passes a handspike through the breeching loop to 9, if there be none, steadying handspikes must be fixed in the usual way. No. 11 place, a selvagee over the neck of the cascable and passes the ends down between the handspike and the breech, crossing the ends underneath and bringing them over and round the handspike; 12 and 13 hook the double blocks to them; 10 and 11 hook the single blocks to a selvagee laid across the front of the carriage by 10. Nos. 6 and 7 scotch the trucks. The whole of the Nos. then man the tackles on their own sides, except 6 and 7, who attend to the rollers, and 8 and 9, who stand to the steadying handspikes.

"Taut."—The Nos. on the tackles haul in the slack. Nos. 6 and 7 place a 24 inch roller on the skids ready to receive the muzzle when it dips; this roller should be under the centre of gravity when the ground roller leaves the breech, in order that this may be so, it is frequently necessary to lift the muzzle and shift the roller back.

"Heave."—The Nos. heave on the tackles, both sides working together; the rollers being at the same time kept perfectly square, otherwise, the gun will be liable to slew, and so tip over. The 14 inch roller should be placed so that when the trunnions arrive over the trunnion holes, the roller will be a little in rear of the centre of gravity. When the gun is nearly high enough a 4-inch piece of skidding is laid across the trunnion holes, and Nos. 2 and 3 each place a handspike in the bore, double manned by 4 and 5, in order to lift or bear down the muzzle as may be required.

"Remove skids," "Unhook tackles."—The muzzle is borne down and the skids and tackles removed by the Nos. who placed them, the breech being allowed to descend on a 4-inch piece placed by Nos. 6 and 7 on the top step.

The gun is then lowered into the trunnion hole.

Stores to be arranged on the ground before the word "commence" is given. For competition, men must be in uniform, but tunics may be unbuttoned and belts removed.

The detachment mounting in the shortest time, to be declared winner. Any mistakes in drill to be corrected by the umpire, and the time so lost will count against the detachment, which must work by numbers, and keep silence; 10 seconds will be deducted for every word spoken by any one of the detachment except the commander.

Commanding officers of corps intending to compete, must notify their intention to the Secretary D.A.A., Citadel, Quebec, before the 30th September, of the current year; and the competition must be carried out in the presence of an umpire and time keeper, appointed by the President of Council, D.A.A., before 20th November, 1877; the return of time, &c., to be sent in as soon as possible after the competition, at the latest, before the 15th December, 1878.

#### St. John's, P.Q., Battery of Garrison Artillery.

Commanded by Major Drumm. I inspected this battery in the company of the Deputy Adjutant-General of the district, on the 9th November. The uniforms and accoutrements were in good order, the arms serviceable, but not as clean as they might have been. This battery has no drill-shed, and only drill during the twelve days for which they are paid. Not having been drilled for the two years previous, they cannot be considered efficient, which is to be regretted, as they occupy a most important strategical point. The company drill, manual and firing exercises, were



indifferent. A squad went through standing gun drill; their knowledge of material is meagre; none of the officers, non-commissioned officers nor men have ever attended the School of Gunnery. They have none of the inexpensive material for shifting ordnance, which might be supplied to them, as well as another gun; they have only one smooth-bore 32-pounder on a rotten platform, placed in the middle of a field, where it can be of no use; while there is a redoubt within a hundred yards commanding the river and the junction of three railroads, as well as the ordinary roads to the frontier. The gun has its sights broken off, and is spiked occasionally by boys or evil-disposed persons. Requisitions have for years past been sent in to repair, at a trifling cost, the redoubt, and place in it a couple of platforms, a second gun being sent from Montreal. The magazine is in a dilapidated state. The general officer commanding has drawn attention to the military importance of this point. I trust, therefore, that this battery will be given the means of becoming serviceable.

*Quebec Garrison Artillery, No. 1 Battery.*

Commanded by Capt. H. Roy. I inspected this battery on the 22nd October. The uniforms, arms and accoutrements were in good order. They performed company drill, manual and firing exercise satisfactorily, and are well up in gun drill. Some of the non-commissioned officers are well acquainted with ammunition. I superintended their gun practice on the 25th October, at the Island of Orleans range; it was fair, considering the battery has only lately been formed. All the officers have been through the School of Gunnery, and the battery owes much to the professional ability, experience and energy of Lieut. Donaldson. They have done a good many voluntary drills, but I hope to see a greater improvement next year, and that other batteries may be formed, until the old Quebec Brigade of Garrison Artillery is resuscitated. But the small number of non-commissioned officers and men allowed for short courses, thirty per annum, prevents due instruction being obtained from the Gunnery School to which they are so near.

*Gross Isle Battery of Garrison Artillery.*

Formerly commanded by Capt. F. Montizambert, a most efficient officer, with a first-class certificate. After performing its drill this battery was disbanded by the General Officer. I was therefore directed not to inspect it. I regret the disbandment of this battery, which, from its circumstances, was very efficient. The arms and accoutrements had been burnt by a fire at the Quarantine Station. The artillery armament proper still remains, and I trust to see this battery restored at some future date.

*Levis P.Q. Garrison Artillery, No. 1 Battery.*

Commanded by Captain L. C. Hamel. I inspected this battery on the 14th October, in company with Deputy Adjutant-General of District. This battery being newly formed, have only learned company drill, manual and firing exercise; they carried out their small arm practice, and a fair squad was selected for heavy gun practice at the Island of Orleans range, which I inspected on the 31st October. The weather was rainy and stormy, rendering good results difficult from even highly trained gunners. A 24-pounder has been sent from the Citadel to No. 2 Fort Levis, for the instruction of the battery during winter. I trust they will perform a good number of voluntary drills, and that I shall find them efficient next spring. Captain Hamel was the only officer present with the battery at my inspection.

*Gaspé Battery Garrison Artillery.*

Commanded by Major Slous.

As the date of inspection in other Districts prevented my inspection of this battery, I delegated this duty to Major Frazer, "B" Battery Quebec Gunnery School. His report is appended.

REPORT OF MAJOR FRAZER ON THE GASPÉ BATTERY OF GARRISON ARTILLERY.

CITADEL BARRACKS, QUEBEC, 14th October, 1878.

SIR,—I have the honor to report that the gun practice of the Gaspé Battery Garrison Artillery was very good, averaging 33 points; total score of battery being 264 points.

As I was performing the duties of Range Officer, I had not an opportunity of seeing the gunners work their guns, consequently I cannot report upon the efficiency of the battery in this respect, neither had I any chance to question any of the non-commissioned officers or gunners relative to their duties as Artillerymen, as the annual drill had been completed and the men only mustered for gun practice and inspection for one day.

On the morning of the 14th inst., the gun practice was carried out, and in the afternoon the inspection was made by Lieut.-Colonel Lamontagne, Brigade Major, there being on parade 2 officers and 34 non-commissioned officers and gunners.

The general appearance of the battery was creditable when it is considered that a large number of the men are recruits this year.

The battery was put through a number of infantry evolutions, which were fairly executed, but it is very much to be regretted that Artillery is not more carefully instructed as Artillery, for as regards this battery it would seem that the carrying out of the former was a primary consideration. On the 7th inst., I visited the bluff where the two 24-pounders of 48 cwt. are mounted, from which there is a good command of the entrance to the Basin. I inspected the fuse and shell implements and found them in good order, also the side arms, with the exception of one hammer-head damaged.

As there are not any spare stores in charge of this battery, and as handspikes particularly, are liable to get broken, I would strongly recommend that a supply be issued to be retained on charge. With regard to the temporary magazine constructed in rear of the battery it is quite useless. The site on which the battery stands is the property of Mr. Short, who has kindly given Major Slous permission to use the ground temporarily for that purpose, but I was informed that it had been offered for sale to the Government, the price asked being \$2,000; a very large sum for an acre of ground, other portions of the same property having been sold for \$140, which also overlook the Bay.

I have the honor to be, Sir,

Your obedient servant,

(Signed,)

JOHN FRASER,

Captain and Brevet Major.

The Inspector of Artillery.

P. S.—I ascertained that the Government has a reserve of 18 acres on the Le Boutellier property, in accordance with two patents on the reserve of 84 acres on a Mr. Deans property, known in the official plans as Point Conoy.

J. F.

*Chatham Battery of the New Brunswick Brigade of Garrison Artillery.*

Commanded by Lieut.-Colonel Gillespie. I inspected on the 27th July. The uniforms, &c., were in good order. As they had not completed their training on the 27th, I again inspected them on the 1st August, with Lieut.-Colonel Maunsell, Deputy Adjutant-General, and also superintended their competitive gun practice, which was very good. Several non-commissioned officers and men of this battery have qualified at the Quebec School of Gunnery, but none of the officers. It is desirable that they should do so. There is no drill shed for voluntary drills. The guns, as at Digby, are mounted in an exposed position. It is most desirable that these coast batteries should be completed by a small earth-work, which might be raised by the battery themselves.



during training, and revetted with iron hoop gabions, forming a desirable and inexpensive work. The Deputy Adjutant-General of the District selected with me a suitable site, if the necessary expenditure were sanctioned. Men could not work guns exposed to musketry fire without any cover, and the country bears the expense of maintaining what is inefficient for want of the necessary protection to the guns. Chatham is an important point, from which the crew of a piratical cruiser could do much mischief as well as cut the Intercolonial Railway by destroying an important bridge in the neighborhood.

*St. Andrew's Battery, New Brunswick Brigade of Garrison Artillery*

Commanded by Captain Polleys. In company with the Deputy Adjutant-General of the District, on the 7th August, (before the arrival of the Assistant Inspector of Artillery) I inspected this newly formed battery at company drill, which they performed with creditable precision. They had not then learnt gun drill. The subsequent inspection of the Assistant Inspector and his report of superintendence of gun practice, shews this battery has made the progress I anticipated from their first appearance. The gun platforms were not laid at my visit. I trust the few necessary repairs to the old works will be completed, as St. Andrew's is an important point close to our frontier. Captain Polleys deserves all the encouragement Lieut.-Colonel Maunsell, Deputy Adjutant-General, is anxious should be given to all the artillery of his district, in which he takes a deep interest, with very marked beneficial results, and I anticipate still greater benefits from the zeal and ability of the Assistant Inspector of Artillery, Lieut.-Colonel Price Lewes, if his suggestions meet with approval.

*New Brunswick Brigade, St. John, Garrison Artillery.*

Commanded by Lieut.-Colonel Stephen Kent Foster. Adjutant, Lieut.-Colonel J. D. Underhill. I inspected this brigade at Fort Dufferin on the 2nd August. Their gun drill was very good; uniforms in good order. The long experience of Lieut. Colonel Foster and the Adjutant, Lieut.-Colonel Underhill, who has a first-class certificate from the Kingston Gunnery School, together with the assistance of officers commanding batteries, has kept this brigade up to the mark in spite of the disadvantages of losing uniforms and accoutrements in the disastrous fire at St. John. But they require more instruction in shifting ordnance, for which I trust the necessary inexpensive material of skids, ropes, rollers, &c., will be supplied, especially as a new drill shed is being built, in which I hope a good many voluntary drills may be performed throughout the year, though this brigade has not availed themselves of the advantages offered by the Deputy Adjutant-General in giving prizes and efficiency badges. I utilized the inspection by firing a few service charges from the 64 pounder armament. The pivots, &c., stood fairly well, though the concrete in some instances began to crack. It would have been better if hollow soled trucks had been made when constructing the traversing platforms for the armament. The carriages and platforms were otherwise serviceably constructed at St. John, under the supervision of Lieut.-Colonel Maunsell, Deputy Adjutant-General; the Storekeeper, Lieut.-Colonel Cunard, and Captain Perley—a sufficient proof, if any is needed, that serviceable wooden gun carriages and platforms can be made in Canada, as they also have been constructed at Quebec by the Artificers of "B<sub>1</sub>" Battery.

*Digby Battery of Garrison Artillery.*

Commanded by Capt. J. Daley. I inspected this battery on the 9th August and superintended competitive gun practice on the same day. I found the uniforms, arms, accoutrements, &c., in good order, but the distance of this battery from any centre of instruction, combined with the fact that none of the officers have qualified at the School of Gunnery, limits its efficiency. The gun practice was interrupted by the recoil of the guns off the platforms, which had been made too short and without sufficient slope. It would be advisable to remedy this defect and build an earthwork in front of the gun platforms so as to give a little cover to the gunners. The plat-

forms would have to be placed further back from the bluff. If the present 32 pounders were exchanged for 64 pounder Palliser rifles the present carriages, platforms, &c., would suit and such a battery would practically command the entrance to Digby Harbor against anything but heavily armoured vessels, for which torpedoes would be required and they in turn could be protected by the 64 pounder battery.

*1st and 2nd Brigades Halifax Garrison Artillery.*

Commanded respectively by Lieut.-Colonels G. Mitchell and D. Macpherson; the latter was not present at my inspection. On the 13th August I inspected the 1st Brigade and on the 15th the 2nd Brigade in the drill shed. Uniforms, arms and accoutrements were in good order, gun drill well done, but there appeared to be little knowledge even of elementary gunnery or artillery material. The only officer of these brigades who has passed through the school of gunnery is Capt. R. Dart, 2nd Brigade. He obtained a 1st class certificate. He was not present at my inspection, being at the Gunnery School. I concur entirely in the full report of the Assistant Inspector of Artillery of the Maritime Provinces on these brigades and other batteries he has inspected, and trust that his suggestions and request for shifting ordnance material may be complied with.

*Garrison Artillery Generally.*

With the exception of the Montreal and St. John, N.B., Brigades of Garrison Artillery, I have found the Garrison Artillery in a very inefficient condition, mainly I believe, for want of a weapon on the efficacy of which they can rely, as they cannot on the old smooth bores that cumber our works and drill sheds. The introduction of Sir William Palliser's comparatively inexpensive system of converting our old cannon into rifles in Canadian workshops, at a cost of £120 each, the cost of the imported Palliser gun being £160 exclusive of freight, is, in my opinion, the only tangible and permanent means of giving efficiency to this important branch of the service, especially in cities where both the industry, the guns, and the gunners, are most needed; and where intelligent mechanics may be found to form enthusiastic artillerymen to man the guns they forge in the defence of the city where they live. Judging by what has taken place in Great Britain, these results are not necessarily visionary for Canada. Having commanded the gunnery school for Reserve Artillery at Woolwich, from its inception until I left for Canada, it was my duty to recommend the adoption of the Palliser 64 pounder for the reserve artillery of Great Britain. The immediate interest roused by this substitution (for "the old gas pipe guns," as the obsolete weapons were somewhat irreverently styled by the men who were supposed to fight them) raised the efficiency of the force in a manner incredible to one who did not witness it. The home reserve artillery of Great Britain musters 60,000 fairly trained gunners in addition to the regular reserves of the Royal Artillery. I would earnestly plead for the extension of the system to this part of the empire.

SCHOOL OF GUNNERY,

KINGSTON, ONT.,

28th November, 1878.

SIR,—I have the honor to forward herewith my Inspection Report of the Artillery in the Province of Ontario.

I enclose a Report forwarded by Lieut.-Colonel Cotton, commanding "A" Battery, on the Batteries of Artillery inspected by him, according to instructions received from you during my absence.

*Welland Canal Field Battery.*

Lieutenant and Captain Frank King, in command; Lieut. Reaveley.

I inspected this battery at Camp Port Colborne on 19th October, and at gun practice at the same place on the same day.



Clothing, arms and accoutrements were clean and in good order; some new issues required; horses good; harness very clean and well fitted, but I noticed a great many deficiencies, many of which have been previously reported, and no steps seem to have been taken to have necessary repairs executed. Guns and stores in good order, but the carriages and limbers require repainting.

As this battery had been inspected on the day previous, by the Deputy-Adjutant General of the District, at Port Robinson, where they had been in camp during the annual drill, and as the ground at Port Colborne was not suitable for field manoeuvres, my inspection was limited to standing gun drill and competitive gun practice. I noticed a great improvement in this respect since last year, the firing being very good; the score would have been very high, had the gunners received more preliminary training in laying guns and in making the necessary connections for elevation, &c.

The want of a drill shed for this battery is much felt, and I have to report again with regret, that no steps seem to have been taken towards filling up the ranks of the officers. Lieut. Reaveley's duties as teacher in a school interfere very much with his attendance at drill, and as Major King is unable to take any part in the drills or instruction of the battery, the whole of the work devolves upon Captain Frank King, who, although a very efficient and hard working officer, cannot be expected to do everything. I have also to report that Major King has not been present at either of my two last inspections, nor at the competitive gun practice of this Battery.

I trust that before next annual drill some steps may be taken towards increasing the efficiency of this battery in the direction indicated by this and previous reports. The battery itself is located in a situation of great strategical importance, and the supply of men and horses seems all that can be desired. It only remains therefore for the staff of officers and non-commissioned officers to be brought up to the proper standard of efficiency, and suitable arrangements made for a gun shed where voluntary drills may be carried on.

#### *St. Catherines Garrison Battery.*

Captain Wiley in command; Lieut. Hunter Inspected at St. Catherines at the drill shed on the evening of the 21st October.

Clothing, arms and accoutrements, clean and in good order, but many of the tunics and trousers appeared to be worn out, and I was informed that a new issue of clothing had been demanded.

Manual exercises, fairly well done; firing exercises had not been practised; squad and marching drill, fair; gun drill with 18-prs. on travelling carriages, very good.

This battery had only been at drill for seven days of three hours each, and considering the limited time, had made very good progress.

Owing to irregularity in the mode of application, the ammunition for annual practice had not been received, and in consequence the battery was unable to perform its annual gun practice.

In 1877 this battery did not conclude its annual drill until 22nd November, and in 1876, until 14th November; on both these occasions the season was so far advanced and the roads so bad that the annual gun practice had to be postponed, and this year a similar state of affairs necessitate another postponement.

It is, therefore, very evident that to insure efficiency in this most important particular, some steps must be taken by the officer commanding the district to insure the annual drill being performed at a more suitable season.

#### *Toronto Garrison Battery.*

Major Gibson in command. Inspected in the drill shed, Toronto, on the 23rd October.

Clothing, arms and accoutrements, very neat, clean and in good order.

Manual exercise fair; firing exercise, indifferent; squad and marching drill, fair; gun drill, very good—very satisfactory progress had also been made in mortar and

gun drill—and the picked squad of men chosen as marksmen were very well instructed, and possessed a fair knowledge of ammunition and gunnery.

This battery has improved very much in efficiency during the past two years, and Major Gibson deserves special mention for his successful endeavors to maintain voluntary drills, and for the present efficiency of his battery. He is at present without the assistance of any other officer, a defect which will, I trust, soon be remedied.

The competitive gun practice was to have taken place on the day of my inspection, but the very inclement weather necessitated its postponement. I have since, however, received the returns of the practice which was held subsequently, and as far as possible, according to the rules of the Dominion Artillery Association, the firing seems to have been very good and the score high.

#### *Ontario Field Battery.*

Captain McCrae in command; Lieut. W. Johnston (absent); Lieut. G.B. Hood; Surgeon Howitt, M.D.

I inspected this battery at competitive gun-practice on the 6th November at a land range near Elora, about 16 miles from the battery camp at Guelph, and on the following day, in company with the Deputy Adjutant-General of the District and Brigade-Major, inspected the battery on parade and at drill. Clothing, arms and accoutrements clean and in good order; horses good; harness well fitted; the guns, carriages, harness, &c., belong to the Wellington Field Battery, and were all in good order; marching past, field manoeuvres and gun drill were all very well performed, and the knowledge of ammunition, stores, duties, &c., shown by all the non-commissioned officers and gunners gave evident proof of careful instruction.

The competitive gun practice, according to the rules of the Dominion Artillery Association, was very well performed, but the range not being good, and the ground covered with snow, doubtless prevented a very high score from being made.

I was very much pleased with the appearance and efficiency of this battery, the non-commissioned officers and gunners are all students at the Ontario Agricultural College. Lieut. Johnston being the Principal of that Institution.

The drivers are in most cases the owners of their teams and are recruited from the farming community in the neighbourhood.

The intelligence of the non-commissioned officers and gunners of this battery seems to be above the usual average, and the greatest zeal and *esprit de corps* is manifested by all ranks.

This battery and the Wellington Field Battery, under Major Macdonald, have continued to secure the services of a competent Sergeant Instructor, who has served in the Royal Artillery, and "B" Battery. Regular drills are held at the Agricultural College for this battery, and in consequence the standard of proficiency is very good.

I have no doubt the dissemination of artillery knowledge and military discipline so acquired by the students, will eventually be of the greatest use to the volunteers throughout the Province.

#### *Victoria Garrison Battery.*

Although a report upon the efficiency of this battery does not come within the scope of duties as Inspector of Artillery for the Province of Ontario, yet having been ordered to superintend its organization and drill, it may be advisable to include it in my present report.

Steps were taken for the organization of this Battery during May, 1878, by Lieut.-Colonel Houghton, Deputy Adjutant-General of the District, Captain Dupont, Inspector of Inland Revenue, being appointed to its command. The first regular enrolment of its members was held on the night of my arrival, the 27th May, when about 30 volunteers were regularly enrolled, the number being increased to 50 within the next few weeks.



Regular evening drills under my instruction and that of Lieutenant McNaughton, S.G., were held about three times a week for two months. In addition I gave a short course of lectures on ammunition and gunnery, which were very well attended. About 30 men of the battery attended more or less regularly at the voluntary drills, and attained considerable efficiency in standing gun drill, and a special class of about 10, probable non-commissioned officers, were more fully instructed by me at occasional afternoon drills.

Owing to the uniforms for the battery not having arrived previous to my departure, the officers and men were desirous of postponing their annual drill and gun practice, both of which will doubtless be fully reported upon by the Deputy Adjutant-General of the District.

Owing to the comparatively limited population of Victoria, and the high rate of wages paid for ordinary labour, the recruitment of a volunteer Battery does not present the same facilities as in the Province of Ontario, but I have no doubt that with proper encouragement, and aided by the ability and energy of its present commanding officer this battery will, in another year, be fully competent to render efficient service, if required to man a portion of the guns already mounted for the defence of the harbor.

#### GENERAL REMARKS.

With reference to the efficiency of the batteries, both field and garrison, I have only to draw attention to my previous reports on this subject. Most of the recommendations in which, and more especially those with reference to the standard of efficiency required to be attained by officers and non-commissioned officers, still requires to be more thoroughly enforced.

I wish however to call your attention to the many inconveniences attendant upon the present system of performing the annual drill of the batteries at any time of the year which the commanding officer may select. It consequently has frequently occurred that three or four batteries at different places in the Province are ready for inspection at the same date, thus rendering it practically impossible for the Inspector of Artillery to pay due attention to all, and in many cases to remain long enough to superintend the competitive gun practice.

I would therefore suggest for approval, that leaving the choice of any particular month in the year to the option of the commanding officer, the exact date for the assembly of the battery should be fixed by the Inspector of Artillery, who could thus arrange for a continuous tour of inspection, and so save considerable time and needless expense. I have also to recommend that all requisitions for practice ammunition and stores should be sent forward as soon as possible after the publication of the regulations for each annual drill. By this means considerable delay and inconvenience would be avoided.

As owing to the present arrangements in this Province, under which each battery is considered as a separate command, sending in its returns through the Deputy Adjutant-General commanding the District, and receiving all its orders from the same source, the Inspector of Artillery is only able to make suggestions or recommendations for increasing the efficiency of the force, and as their does not even exist any order on the subject of a continued inspection of the batteries by the District Staff and the Inspector of Artillery, between whom there is no channel of official communication on the subject of Artillery details, &c., it necessarily follows that the same faults are often repeated, and the same subjects for recommendation come up year after year, without apparently any action being taken.

I have therefore the honor to bring this matter under your consideration with a view to steps being taken to assure a more efficient system of artillery command.

I also take this opportunity of endorsing in general terms the system proposed by Major Holmes, the author of the Dominion Artillery Association Prize Essay for this year.

The adoption of the regimental system for the Artillery in each District, the appointment to each Battery of a properly qualified Instructor, and the plan of joining two 4-gun Batteries together under the command of a field officer, are all apparently most effectual means for promoting efficiency; whilst the appointment of a Deputy Adjutant-General of Artillery at Headquarters, as suggested by the author of the essay recommended for honorable mention, Lieut.-Colonel Cotton, seems to promise the only effectual means of uniting the whole into a compact organization, and of securing due attention being paid to matters of detail, which though seemingly of little account are of vital importance to a corps in which mobility, discipline, and thorough organization in every particular are so essential to success.

I have the honor to be, Sir,

Your obedient servant,

D. T. IRWIN, Lieut.-Colonel,  
Inspector of Artillery.

The Inspector of Artillery,  
Quebec.

KINGSTON, November, 1878.

SIR,—I have the honor to report, that in accordance with instructions received, I inspected during the past summer the following Batteries of Artillery in the Province of Ontario:—

Hamilton Field Battery.

Durham “ “

Toronto “ “

Wellington “ “

Trenton Garrison “

Sarnia “ “

Cobourg “ “

Port Hope “ “

An inspection state of the Batteries is herewith appended:

#### *Hamilton Field Battery.*

Captain McMahon in command; Lieuts. Marshall and Van Wagner; Veterinary Surgeon Thompson; Surgeon White.

Inspected at Hamilton on the 21st June, and at competitive gun practice on the 15th August, over a water range at Burlington Beach. Clothing, arms and accoutrements were clean and in good order; horses well matched, and, if anything, above average; harness clean and well put on, but very old and of an obsolete pattern; field manoeuvres, standing gun drill and marching past all fairly executed; driving competition well performed.

Captain McMahon had but recently taken over charge of this battery, and as both his subaltern officers had been newly appointed, they were not in a position to render assistance and superintend the management of their divisions. Both these officers have expressed their intention of joining the School of Gunnery in the January term. The competitive gun practice was not carried out at the time of the inspection, owing to the non-arrival of the necessary ammunition.

I afterwards, on the 15th August, superintended the practice. A severe hail storm and hurricane carried away the banners previous to the commencement of the firing, otherwise the score of this battery would have been a very good one.

#### *Durham Field Battery.*

Captain Graham in command; Lieuts. McLean and Brereton; Veterinary Surgeon Hinman. Inspected on the 25th June at Port Hope. Clothing, arms and accoutrements in fair order, with some exceptions, which were very good.