

- " Examination and sighting ordnance.
- " Laboratory operations.
- " Construction of siege batteries, rafts, and bridges.
- " Gunnery and applied mathematics.
- " Fortification and sieges.
- " Military surveying and reconnaissance.
- " Tactics of all arms, strategy, and military history of one campaign.
- " Interior economy, regimental duty, and charge of armament of the fortress.
- " Queen's Militia Regulations, and Articles of War as applied to Canadian Militia.

" T. B. STRANGE, Lieutenant-Colonel,

" *Commandant S. G. and I. of A.*

" (A.) Garrison Artillery, Infantry, and Engineer Officers, Quebec School of Gunnery and Branch School, Montreal.

" (B.) Field artillery and cavalry Officers, School of Gunnery, Quebec.

" (C.) Garrison artillery non-commissioned officers and gunners, Quebec School of Gunnery and Branch School, Montreal.

" (D.) Field artillery non-commissioned officers, gunners, and drivers, Quebec School of Gunnery and Branch School, Montreal.

" As the wants and circumstances of the School remain the same, I beg to draw attention to previous recommendations and remarks, viz. :—

" " The number of applicants to join the battery for three years' service, as also for short courses of three months, is more than in previous years, and far in excess of the number sanctioned. As it would be impossible either to carry out the garrison duties, or even provide squads for instruction, if vacancies were kept open, very eligible men have to be refused admission because there happen to be no vacancies when they apply. They frequently ask to join without pay to take their turn of a vacancy.

" " Under the circumstances, it is to be regretted that an increase of short-course men from the Militia batteries is not sanctioned, especially during the winter months. For while the artillery of the maritime provinces (from which the number of applicants is on the increase) is without a special gunnery school, the Quebec Gunnery School is crippled by not having enough men to form squads for instruction and to carry on the duties of the garrison and necessary fatigues, especially in the field artillery branch, which cannot be efficient without the establishment of a complete field battery of instruction; that is, an increase of 28 horses (in addition to the present strength), and 3 Officers and 70 non-commissioned officers, gunners, and drivers. If 16 horses were added to the above, to horse four ammunition waggons, there would be a complete field battery at each gunnery school ready for immediate service, while the wagon teams could be used as a cavalry riding school as well as performing the transport duty for the store department under ordinary circumstances, saving cart hire."

" " Having a selection, the class of men joining the battery is not in my opinion inferior in physique, education, or conduct to any troops it has been my lot serve with.

" " From a purely civil point of view, I think it is a drawback to the development of a new country that the force at Quebec is not permitted to be increased. Many Canadians, as well as immigrants of a good class, would, if permitted, train themselves as Canadian soldiers and become Canadian citizens. Not readily finding employment in times of depression, they cross to the United States or return to Europe with depreciating accounts of the country."

" The branch school detachment at St. Helen's (which was withdrawn after the loss by fire of the barracks), it was found necessary to send back again this summer, in consequence of riots and the insecure state of the arms and military stores kept at that important depot. The detachment has been again withdrawn owing to the insufficient number of 'B' Battery at Quebec.

" The Militia of Montreal is composed of classes in business, who cannot leave the city for a course of instruction, a branch school is therefore much needed.