Goderich Battery Garrison Artilery; 3 officers; 32 non commission officers and men.

32nd "Bruce" Battalion of Infantry.

33rd "Huron" Battalion of Infantry (6 companies only), total strength 512 officers and men, and total strength of Brigade, 617, being an average of 32 per company, or corps.

The "Wellington" Lield Eattory turned out nearly full strength, and were in a very efficient state, they had the advantage of an instructor from the School of Gunnery during their dril, and profited very much

by his exertions in teaching them.

The whole strength of the district that
have drilled so far, are 2,088 offic re and men; leaving one field battery, 1 troops of cavalry, and 35 companies of infantry to perform drid next year. The drill was carried out, as a general rule, by separ to bat talion camps, and squad and company dail was chiefly practiced, but they having to fire 40 rounds of animunition, per man, at target practice necessarily reduced the drill hours considerably, which, in camps of only eight days' time, was found to interfere very much with satisfactory progress. As a general rule, the whole of the corps turned out very well, their uniform was in good order, and the arms and accourrements in a very essicient state.

I have to report that the ordes from the Department of Militia and Defence, regu lating the muster and payment of the force that turned out for drill, were strictly carried

Many of the company drill sheds are in a bad state of repair, and will be found to be a constant expense if kept in proper order; but it appears to me, that it is a question whether, instead of expending more money on them, it would not be advisable to erect a battalton drill shed in each county where there is an efficient battalion, and to have a caretaker to attend to the arms and uni form when the corps is not at drill; by such a method the arms, accourrement and uniform would be found to last very much lon ger, and thus save considerable expense to the country.

I have much pleasure in acknowledging the great assistance rendered me by the Staff Officers of the District; and I beg most particularly to call your attention to the efficient state of the First Brigade Division, which is in a great measure due to the care and energy shown by Lieut. Colonel Moffat,

Its Brigade Major.

I have the honor to be, Sir, Your most obedient Servant, JOHN B. TAYLOR, Lieut. Colonel,

Deputy Adjutant eneral, Military District, No. 1

To the Acting Adjutant General, &c., &c., Čitawa.

> HEAD QUARTERS, LONDON, 1st Nov. 1873.

List of corps not inspected up to this date. 1st Regiment Cavalry, St. Thomas Troop.

London Troop. Bayfield Troop. Stratford Troop.

London Field Battery Artillery. 7th Battalion Infantry, 25th Battalion.

28th Battalion (except No. 5 Company. 29th Battalion.

30th Battalion Rifles.

33rd Bittalion, Nos. 2 and 6 Company's. JOHN B. TAYLOR, Lieut. Col.

D. A. G., Mil. Dis. No. 1. (To be continued.)

THE INFLEXIBLE.

ment of the Admiralty is giving proof of eminent ability, sufficient to cope with the high demands now made on naval architects. The late Chief Constructor, after resigning his post, pointed out that it was competent, was fixed on Italy wo know not. Certain it such a part. The Italian Government have asked Sir William Armstrong to produce the biggest gun he can, with the intention of applying it to naval purposes. What is like ly to be the answer to such a challenge, or, commercially speaking, such a commession? Sir William founded the race of gamts in artillery, and he is doubtless anxious to rival Woolwich-it may be to excel. Wool wich must be equally anxious to excel Elswick. At this hour it would seem that each one is waiting for the other. The War Office Committee, who have so long endeav ored to find the proper powder for the big guns of the present era, have gone on build ing up their grains until they think at last they have an explosive worthy of their weapons. We have now advanced to "mammoth pebble"—something like the "'arf a brick" with which the denizens of the Black Country are supposed to salute unwelcome strangers. The grain of this extraordinal species of gun-powder is in the form of a cube, measuring 2 in. bach way, a black shiny mass like a piece of coal, and weighing half a pound. Itself a missile, if such a lump escapes the muzzle of a gun unconsumed, it will score a plate of iron, or kill a man, as may have a chance. A blank cartridge of this sort of stuff when fired sends a portion of its material whistling and shricking through the air as if a shell were speeding on its way. When the gun is load ed with both powder and shot of course the combustion is more complete, and the requis to propulsion is given to the projectile without that sydden and useless excess of strain on the gun which occurs when powder of smaller grain is employed.

But what sort of a weapon is the new gun likely to be? The Inflexable is to carry four guns of equal size. We may reckon that they will not weigh less than eighty tons :h. or more than double the tonnage of the "Woolwich Infant." The battering charge would doubtless exceed 2 cwt, of heaviest guns originally supplied to the Warner. Possibly the charge might not be much less than 300 lb. The projecule may be estimated as weighing 1300 lb. or 1400 lb., and, indeed, we should rather expect to see this weight exceeded, for there is no apparant reason why it should not be as much as 1600 lb., or very nearly three-quarters of of guns versus armor? Our 35 ton gun

a ton. At all events we are sure of something more than half a ton. Such a shell will hold a charge of powder sufficient to Some time ago we laid before our readers, propel a 400 lb. projectile from 18-ton gun cortain particulars in reference to the do- that is to say, about 70 lb., if not more, sign of the coming ironclad—the Inflexible. What then shall be the armor of the ship Since that period the data concerning this, that carries guns like these: We have gone vessel have become more fixed and definite, on adding such by such, from the 44 such and have assumed a character which ren- thates of the Warrior and the Achilles to ders them in the highest degree interesting, the bain, of the Agincourt, the Minotaur, In fact, more is now promised than we had, and the Northumberland, the 6 in. of the dared to hope for, though not more than we. Bellerophon, the 7 in. of the Monarch and had ventured to advocate. Circumstances, the Captain, the 8 m. and 9 m. of the Herhave presed the Admiralty to take not cuies and the Sultan, and the 12 m. and merely a step but a stride. We believe 14 in of the Thunderer and the Devembration to be the truest economy, and we are the But now comes the leap. The best glad to find that the constructive depart- line of the Inflexible is to carry no loss than 2 ft. of armor! It is true that this will not be one thickness, but there are good reasons why it should not be, and we are reckoning without the inner skin. In the first place, there can be no doubt that plates of for a second rate naval Power to make itself, 12 in. can be made of finer quality than suddenly formidable by the possession of a plates of 14 in. Secondly, it has been ship of nat which should be superior to any found that although laminated armor comother that could for a time be brought posed of thin plates is weak, there is but against her. Whether Mr. Reed a attention, attle loss of strength in building up a series of thick plates in contrast with one plate of is that this Power has attempted to play just the total thickness. Probably the two lams such a part. The Italian Government have plates of the Inflexible will be collectively quite equal in strength to the best single plates that could be made of 24 in solid. But the question of construction is next to be considered. These two plates will be at considerable distanceapart, and between the two there will be a compact mass of wood and iron work, so that when a blow is struck on the outer plate the shock will be distributed over a wide area. Supposing a shell from the "Woolwich Infant" to be fired at the Inflexible from a distance of 1000 yards, the shell would explode as it passed through the first plate, and its shuttered fragments alone would reach the second; whoreas, if the plate were all in one the entire substance might receive damage.

The Inflexible will be a turret ship, but will carry her sides 20 ft. out of water. We hardly expect that this extraordinary extent of freeboard will be maintained throughout the entire length of the ship. It my also be apprehended—as we signified some months ago—that there will be certain peculiarities in the form of the hull, to obtain bouyancy. The two turrets will carry armor of 18 in., and will be placed on a line oblique to the keel—one to starboard and the other to port-so that both may fire at the same instant end on, or very nearly so. This is a curious arrangement, and will porbably meet with certain objections. The guns will be loaded outside the turrets, the muzzles being depressed so as to receive their charge up a species of hatchway constructed for the purpose. Mechanical means must necessarily be devised for lifting and moving the heavy weights represented by the shell and the cartridge. The ship will be without rigging, but her engines are to give her a rate of speed at least equal to that of the fastest of the existing ironclads. Despite her superlative qualities the Inflexible will cost less than the Minotaur. Her gun power will be enormous, and her armor a wonderment. At least, so we think them now. If we could only build such a vessel powder, or more than three times the now. If we could only build such a vessel weight of the actual shot fired from the in a twelvementh, instead of taking three or four years to accomplish the task our confidence would be greater. It is now said that Krupp's breech loating 2000 pounders are intended for sea service. As breechloaders they are well adapted for such a purpose, providing the breech-loading is it. self effective. But how rests the question