

The cost may be estimated to increase \$1 per ft. per each additional 100 ft. Thus the cost of a well 1,000 ft. deep, would be \$7,000; add for contingencies, 3,000, and we have \$10,000 as the total cost.

THE TORONTO WATER SUPPLY.

In reference to the water supply of Toronto, it being clear that all river and lake waters should be filtered before use, it may be asked: Will the filtering basin on the Island ever receive from the lake a sufficiently abundant supply for the use of the city? If it does, will the water in it have been sufficiently purified by the sand? Is the sand there sufficiently pure for filtering purposes? Or does it not contain in itself organic matter which it might give up to the water passing through it. If it proves to be pure enough for filtering the water, how long will it remain pure without being cleaned or renewed in any way? If the water of the lake is filtered and purified at the Island, what security is there that it will not at any time or almost constantly receive such additions from the water of the bay, through leakages into the main stretching across the bay, as to make it unfit or unsafe to use? Finally, might it not be better to pump the water from the lake to the high ground north of the city, near the reservoir, and filter it all there before supplying the houses?

The water supply should be a matter of deep concern in all communities, and the people of Toronto and of other cities and towns in Canada should not rest contented until plans are devised and carried out for the purpose of supplying pure water. A 'tolerably' pure water is not all that is needed. The supply should be perfectly pure, or as pure as careful filtering can make it.

It might be well worth while to spend some money in trying what success would follow the boring of artesian wells. For this, in order to be satisfactory, several wells should be bored and the boring continued to great depth, if necessary.

DOMESTIC WINES AT THE RECENT LARGE EXHIBITIONS.—The splendid displays of domestic wines at the Industrial Exhibition Toronto, Dominion Exhibition, Ottawa, and the Western and Southern Fairs held this year, must convince the most skeptical that Canada is destined to become a great wine producing country. By far the finest displays at these shows was made by "The Pelee Island Wine Co." for which Messrs. Hamilton, Dunlop & Co., of Brantford, are the sole agents for Canada. Their wines are of a very high class, and were highly appreciated as evidenced by the fact that this year Messrs. H. D. & Co. were awarded 4 medals, 3 diplomas, and 12 prizes. Having seen these wines put to severe tests, we can confidently commend them to the medical faculty.