



The normal chlorine conditions existing in drinking waters throughout Ontario are shown in the above map. In some localities shown salt pockets are found through the soil at various depths, even in districts where salt does not occur in sufficient quantities to mine. These districts, though not bounded by definite lines, may be seen to exist in the Niagara Peninsula, and in the north-eastern land between Toronto and Ottawa, nearer, of course, to the latter city. In the north land, where granite preponderates, it is a common occurrence to find salts of hydrochloric acid absent, or very low. Under ordinary conditions, fully allowing for all local circumstances, a water containing 12 to 13 parts of chlorine per million would be open to suspicion of contamination from sewage or other sources.