

Investigation on the Causes of the pollution of the underground water reservoir of the Shiraz City

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Abstract

While preparing engineering geological maps for the City of Shiraz, special attention was focussed upon the underground water of the City from the viewpoint of environmental problems hydrogeochemistry and eradication of the waste matter.

This investigation showed that the underground water resources of the city are endangered by the salinity and pollution.

Microbiological test on ten water samples showed that all the samples from various localities are polluted.

Moreover, the whole mineral materials paralyze between 5 milliequivalent in north west to 1235 milliequivalent in the southeast.