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### Evaluation of groundwater quality near the salt-pans of Kanyakumari and Tuticorin Districts, Tamilnadu, India.

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**Abstract:**Groundwater makes up about 20 percentage of the world's fresh water supply. It is the cheapest, more convenient and less vulnerable to pollution than surface water, because the groundwater itself provides an effective filtering medium. The degradation of groundwater quality near the salt-pans are due to intensive pumping of fresh groundwater has caused salt water to intrude into the fresh water aquifers. This phenomenon was contaminated the groundwater quality and make unfit for domestic and industrial purposes. This study explain the hydrochemical parameters of  $p^H$ , Calcium, Magnesium, Sodium, Potassium, Chloride and Sulphate in groundwater, near the salt-pans of Kanyakumari and Tuticorin districts in Tamilnadu state, India. The results of chemical analysis were correlated with drinking water specifications of Bureau of Indian standards.

**Keywords :**Groundwater, BIS, Sodium, Chloride, Sulphate.

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