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Physico–Chemical analysis of groundwater quality near the salt-pans of Thoothukudi Districts, Tamilnadu, India

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Abstract : The present hydrogeochemical study was confined to the Thoothukudi District in Tamilnadu, India. The groundwater quality near the salt-pans are polluted due to intensive pumping of fresh groundwater which has caused salt water to intrude into the fresh water aquifers. The major water quality parameters such as pH, Electrical conductivity, Total Dissolved Solids, Total Hardness, Calcium, Magnesium, Sodium, Chloride and Sulphate etc. were analyzed.

Keywords : Groundwater, BIS, TDS, Chloride, hardness, alkalinity, etc.

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