

**SALINITY OF THE GROUNDWATER IN THE WESTERN OF MOROCCO, RHARB  
BASIN**

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**ABSTRACT**

A salinity identification of the of the Rharb basin groundwater, is based on the spatial repartition study of several physico-chemical parameters. The marine intrusion and the lithological composition of the saliferous Pre-Rifean nappes, combined with their tectonic structures and their flow towards the Rharb basin, are considered as increasing factors of the salinity of the underground resources of the area. The partition of the basin in several zones highlighted strong gradients of the electric conductivity and chloride concentrations, in particular in the eastern portion. The correlations between these two parameters are generally good.

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