

## **GENESIS OF SALINITY IN GROUNDWATER OF HARYANA STATE, INDIA**

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### **Abstract**

As groundwater forms an essential resource for the development of an area, it is essential to know the genesis of water. Groundwater in haryana occurs as confined and unconfined aquifers in the Quaternary sediments. Mutual relationship of various elements has been attempted to understand its genesis. Chemistry of the groundwater suggests distinct potable and saline waters on the basis of distributions of major elements. However, elements from evaporitic sequences have been indicated. Use of gypsum has been suggested for reducing the salinity of water. It is suggested that the various salts from the salt effected areas be mined as a crop using suitable ion exchangers.

*Keywords:* Groundwater, Genesis of salinity, Haryana.