

(54) Title of the invention : ANALYSIS OF HEAVY METALS & PHYSICOCHEMICAL PROPERTIES IN GROUND WATER

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(57) Abstract :

ABSTRACT The present invention relates to determine whether the ground water of a certain pleasant is appropriate for its intended use. Total 10 groundwater samples had been collected for monitoring reason. All the samples were analyzed for various physical and chemical parameters in accordance to conventional strategies: this consists of pH, overall hardness, and total alkalinity, predominant cations which include Ca²⁺, Mg²⁺, and Fe²⁺, major anion such as , Cl⁻, and heavy metals along with Cd, Cu, As, Pb. Hardness contents between 80 and 550 mg/L as CaCO₃ and chlorides content is 113.44 - 620.37 mg/L. It became determined that Cadmium, Lead and Nickel concentrations with in the guideline values it concluded that groundwater is appropriate for ingesting purposes with none unique treatment strategies. the present take a look at gives a complete popularity of groundwater pleasant for correct management within the area.

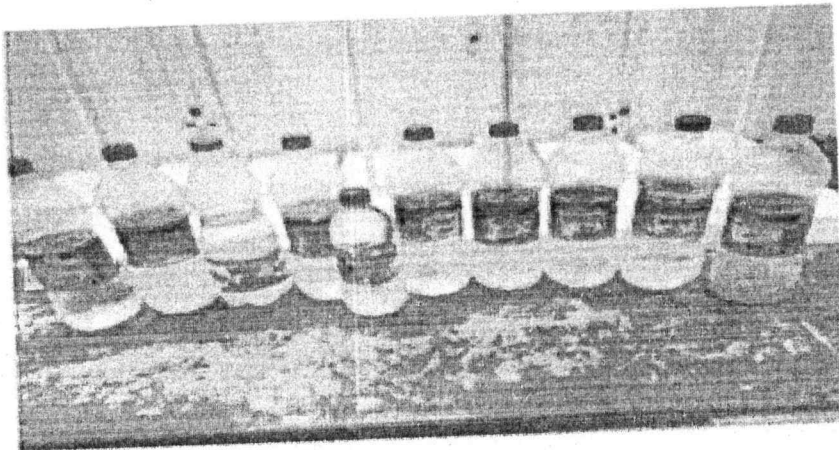


Figure 1

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