

**Ground water behaviour in Connate water areas and hard rock terrain of Orissa with respect to different schedules of pumping and varied draw-down conditions**

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**Objectives :**

- a) The aquifers are in un-confined, semi-confined and confined conditions – the inter-relation to be intensively investigated.
- b) Hydro-chemical behavior of aquifers of such areas
- c) Behaviour of tube cum borewell in tracts with thin alluvial zones followed with hard rock
- d) Behaviour of aquifers in hard rock terrains in response to hydro-fracturing and chemical applications.
- e) Location of recharge zones to different aquifers, scope of such recharge from various sources and response of the aquifers (quantitative/qualitative measures)

**Sanctioned Cost of the Scheme:-** Rs.223 lakh

**Duration and Date of Start :-** 3 years, 19-2-2004