

Estimation of Aquifer Potential in Jharia Coal Mining Region with suitable techniques to improve the recharge

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Objectives :

- i) Assessment of long term water table fluctuation data
- ii) Estimation of the water resource potential in the study area
- iii) Estimation of recharge/discharge areas with the movement and occurrence of ground water along the fault
- iv) Quality assessment of water (surface, ground water and mine effluents in the study area
- v) Characterization of soil quality in study area
- vi) Development of appropriate techniques near mining areas (both sand filled and non sand filled) for storage of water which will ultimately help in aquifer recharging
- vii) Estimation of impact of recharge near storage structures.

Sanctioned Cost of the Scheme:- Rs. 28,54,700

Duration and Date of Start :- 2 years, April, 2014

