

## BARODA TANK SCHEME

### Brief Summary of the Project &

### Justification for locating project in Forest land

The Baroda Tank Scheme proposed dam site is located across a local nalla near village Baroda Rehli Tehsil Sagar, District-Sagar of Madhya Pradesh. The site is located on topo sheet no 55 I/14 with latitude  $23^{\circ} 42' 18''$  N and longitude  $78^{\circ} 55' 48''$  E. The site is situated about 25 km away from Sagar district headquarters.

There is no dependable water source in the Project area. At present irrigation in the project area from all sources is only 08.10 % of net cropped area. Since the area is dependent on rains, scarcity conditions exist all the time. Crop yields are very low. People in the area are poor. The Project area needs water for domestic and agriculture purposes. Studies carried out earlier show that some unutilized flows are available and the physiographic conditions of the site are also suitable for harnessing the water resources.

The local public representatives are well informed with the benefits of the project. Cost and benefit ratio has been calculated and is within the norms justifying the feasibility of this project. Also, provision for upstream and downstream utilization of water has been made in the project.

After construction of this dam, 500 Ha area will be provided with the Rabi irrigation facility. The drought prone land of 4 nearby villages of Sagar & Rehli tehsil of Sagar district will be irrigated through the project. The project will also replenish the groundwater table of the region.

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