

**Report on Prioritization of Microwatersheds in '2D4C' Subcatchment  
under Gandhi Sagar Irrigation Project, Districts: Indore, Ujjain,  
Mandsaur, Dewas, Shajapur, Ratlam of Madhya Pradesh and  
District: Jhalawar of Rajasthan**

**ABSTRACT**

1. Survey Area : Gandhisagar Irrigation Project ('2D4C' Subcatchment)
2. Location : 22° 30' N to 24° 47' N Latitude & 75° 30' E to 76° 15' E Longitude.
3. Total Area : 10, 32,809 hectares
4. (a) Period of Survey : April 2001 to March, 2002.  
(b) Type of Survey : Rapid Reconnaissance Survey.
5. Base Material : Survey of India  
Topographic Map on 1:50,000 scale
6. Hydrological Unit :
- a.Catchment :-2'D4' (Chambal Catchment/Gandhisagar Dam Catchment)
- b.Sub catchments :- 2'D4'C (Kshipra Sub Catchment)
- c.Watersheds :- 9
- d.Micro watersheds :-1014

**7. Priority categorization of Micro watersheds:**

Sr. No.	Priority Category	Sediment Yield Index Range	No. of Micro Watersheds	Area (ha.)	Percentage
1	Very High	1300 & above	19	12936	1.3
2	High	1200-1299	29	26244	2.6
3	Medium	1100-1199	95	84782	8.2
4	Low	1000-1099	256	244692	23.7
5	Very Low	Below 1000	615	601586	58.2
<b>Total</b>			<b>1014</b>	<b>9,70,240</b>	
Misc. area (Habitation, Road, River etc.)				31894	3.0
Submergence area (Gandhi Sagar Dam)				30675	3.0
<b>Grand Total</b>				<b>10,32,809</b>	