

**Report on Demarcation of Priority Sub-watersheds of
2D3A, B & C Sub-catchments of Kali Sindh (2D3) of
Chambal Non-RVP Catchment, Bhilwara, Jhalawar,
Bundi, Kota, Sawai Madhopur & Tonk districts of
Rajasthan and Rajgarh & Shajapur districts of
Madhya Pradesh State.**

ABSTRACT

1. **Surveyed Area** : 2D3A, B & C Sub-catchments of Kali Sindh (2D3) of Chambal Non-RVP Catchment, Bhilwara, Jhalawar, Bundi, Kota, Sawai Madhopur & Tonk districts of Rajasthan and Rajgarh & Shajapur districts of Madhya Pradesh State.
2. **Location** : 22^o 44' 0" to 26^o 1' 39" N Latitudes
75^o 8' 59" to 77^o 6' 49" E Longitudes
3. **Total Area** : 2239946 ha
4. **Period of Survey** : December 1994 to March 1996
5. **Type of Survey** : Rapid Reconnaissance Survey for Delineation Priority Sub-watersheds.
6. **Base Material** : Survey of India Toposheets in the scale of 1:50,000 scale

7. Hydrological Division of the Survey Area

(a) Water resources region	Ganga	2
(b) Basin – Chambal	-	2D
(c) Catchment	-	2D3
(d) Sub-catchment	-	2D3A,B,C
(e) Watersheds	-	2D3A1-8,B1-8 and C1-5
(f) Sub-watersheds	-	649

8. Distribution of the Area under Different Priority

Sl. No.	Priority category	Average Silt yield index range	No. of sub-watersheds	Area in ha	Percentage
1	Very high	(1300 & above)	17	44065	1.97
2.	High	(1200-1299)	41	125080	5.58
3.	Medium	(1100-1199)	192	701781	31.33
4.	Low	(1000-1099)	177	619600	27.66
5.	Very Low	(Below 1000)	222	749420	33.46
	Grand total		649	2239946	100.00

9. Salient Features:

1. Nearly 1.97% percent of the total area of catchment falls under very high and 5.58% percent under high priority categories.
2. Physiographically, dominant land forms are; Alluvial plain 18.50% and Hills 11.4%.
3. Nearly 28.0% of the surveyed area is under very deep soils.
4. Nearly 59.4% of the reported area is under cultivation and under forest
5. Nearly 5.3% area is subjected to severe to very severe erosion hazards.