

**Report on Prioritization of Microwatersheds of "2C3D" (Part)
Subcatchment (Sind Kunwari River) Non-RVP,
Districts: Vidisha, Guna and Shivpuri (M.P.)**

ABSTRACT

- 1. Survey area** : 2C3D Subcatchment (Sind-Kunwari River,M.P.).
- 2. Location** : 24⁰-1' to 25⁰-44' NL and
77⁰-16' to 77⁰-49' EL
- 3. Total area** : 5, 92,580 ha.
- 4 (a) Period of Survey** : Nov. 2001 – March, 2002.
May, 2003- June, 2003.
- b) Type of Survey** : Rapid Reconnaissance Survey.
- 5. Base material** : Survey of India Topographical Map on
1:50,000 Scales.
- 6. Hydrological Division**
- a) Catchment** : 2C3 (Sind Kunwari)
- b) Subcatchment** : 2C3D
- c) Watersheds** : 2C3D1, D2, D3, D4 & D5.
- d) Micro-watersheds** : 695

7. Priority categorization of Microwatersheds:

S. No.	Priority Category	Sediment Yield Index Range	No. of Micro-watersheds	Area (ha)	Percentage
1.	Very High	1300 & above	19	11804	2.00
2.	High	1200-1299	84	63735	10.8
3.	Medium	1100-1199	232	189843	32.00
4.	Low	1000-1099	222	199915	33.7
5.	Very low	Below 1000	138	114870	19.4
Total			695	580167	97.9
Hab., Road, River ,Nala etc.			-	6783	1.10
Under Submergence				5630	1.0
Grand Total				592580	100.0

8. Districts wise distribution of area under different priority categories

Priority	SHIVPURI		GUNA		VIDISHA		Total M.Ws	Grant Total	Percentage
	Area (ha)	No of M.Ws	Area (ha)	No of M.Ws	Area (ha)	No of M.Ws			
Very High	4,869	9	6,935	10	-	-	19	11,804	2.0
High	22,765	34	40,970	50	-	-	84	63,735	10.8
Medium	108,984	137	72,034	83	8,825	12	232	1,89,843	32.0
Low	87,612	110	89,359	86	22,944	26	222	1,99,915	33.7
Very Low	45,532	58	41,267	48	28,071	32	138	1,14,870	19.4
Total	2,69,762	348	2,50,565	277	59,840	70	695	5,80,167	97.9
Misc.	-	-	-	-	-	-	-	6,783	1.1
Sub mergence Area	-	-	-	-	-	-	-	5,630	1.0
Grand Total	2,69,762	348	2,50,565	277	59,840	70	695	5,92,580	100

M.Ws:-Microwatersheds