

**Report on Prioritization of Microwatersheds in 2A7E Subcatchment  
(Tons River) Non-RVP, District – Banda (U.P.), Jabalpur, Panna,  
Satna and Rewa (M.P.).**

**ABSTRACT**

1. Survey Area : 2A7E Subcatchment of (Tons River, U.P. & M.P.)
2. Location : 23<sup>0</sup> 58' to 25<sup>0</sup> 07' NL and  
80<sup>0</sup> 18' to 81<sup>0</sup> 43' EL
3. Total area : 9,43,843 ha
- 4.a. Period of Survey : Nov. 1998 – March, 1999
- b. Type of Survey : Rapid Reconnaissance Survey
5. Base material : Survey of India Topographical  
Maps on 1: 50,000 scale.
6. Hydrological Division
- a) Catchment : 2A7 (Tons)
- b) Subcatchment : 2A7E
- c) Watersheds : 7 (2A7E1 to 2A7E7)
- d) Subwatersheds : 140
- e) Microwatersheds : 944

**7. Priority categorisation of microwatersheds:**

| S. No.             | Priority category | Sediment Yield Index range | No. of Micro-watersheds | Area (ha)       | %            |
|--------------------|-------------------|----------------------------|-------------------------|-----------------|--------------|
| 1.                 | <i>Very High</i>  | 1300 and above             | 27                      | 25,619          | 2.7          |
| 2.                 | <i>High</i>       | 1200 –1299                 | 67                      | 72,499          | 7.7          |
| 3.                 | <i>Medium</i>     | 1100-1199                  | 112                     | 1,07,555        | 11.4         |
| 4.                 | <i>Low</i>        | 1000-1099                  | 141                     | 1,45,698        | 15.4         |
| 5.                 | <i>Very low</i>   | Below 1000                 | 596                     | 5,91,973        | 62.7         |
| <b>Total</b>       |                   |                            | <b>943</b>              | <b>9,43,344</b> | <b>99.9</b>  |
| Under Submergence  |                   |                            | 1                       | 499             | 0.1          |
| <b>Grand Total</b> |                   |                            | <b>944</b>              | <b>9,43,843</b> | <b>100.0</b> |

**8.a. District wise distribution of area (ha) and number of microwatersheds falling in Uttar Pradesh, District – Banda (U.P.)**

| Sr.No.       | Priority category | No. of Microwatersheds | Area (ha)     | %          |
|--------------|-------------------|------------------------|---------------|------------|
| 1.           | <i>Very High</i>  | 2                      | 2485          | 0.3        |
| 2.           | <i>High</i>       | 6                      | 5957          | 0.6        |
| 3.           | <i>Medium</i>     | 23                     | 20077         | 2.1        |
| 4.           | <i>Low</i>        | 8                      | 8519          | 0.9        |
| 5.           | <i>Very Low</i>   | 8                      | 6113          | 0.7        |
| <b>Total</b> |                   | <b>47</b>              | <b>43,151</b> | <b>4.6</b> |

**8.b. Districtwise distribution of area (ha) and number of microwatersheds falling in Madhya Pradesh.**

| S. No.       | Priority Category | Districts |            |           |              |            |               |            |               |            |               | %          |
|--------------|-------------------|-----------|------------|-----------|--------------|------------|---------------|------------|---------------|------------|---------------|------------|
|              |                   | Jabalpur  |            | Panna     |              | Satna      |               | Rewa       |               | No.        | Area          |            |
|              |                   | No.       | Area       | No.       | Area         | No.        | Area          | No.        | Area          |            |               |            |
| 1.           | <i>Very High</i>  | -         | -          | -         | -            | 7          | 7537          | 18         | 15597         | 25         | 23134         | 2.         |
| 2.           | <i>High</i>       | -         | -          | 5         | 6075         | 38         | 41157         | 18         | 19310         | 61         | 66542         | 7.         |
| 3.           | <i>Medium</i>     | -         | -          | 3         | 3650         | 56         | 54717         | 30         | 29111         | 89         | 87478         | 9.         |
| 4.           | <i>Low</i>        | 1         | 850        | 5         | 5375         | 85         | 87806         | 42         | 43148         | 133        | 137179        | 14.        |
| 5.           | <i>Very low</i>   | -         | -          | 10        | 10587        | 353        | 326948        | 225        | 248325        | 588        | 585860        | 62.        |
| <b>Total</b> |                   | <b>1</b>  | <b>850</b> | <b>23</b> | <b>25687</b> | <b>539</b> | <b>518165</b> | <b>333</b> | <b>355491</b> | <b>896</b> | <b>900193</b> | <b>95.</b> |
| <b>%</b>     |                   | <b>-</b>  | <b>0.1</b> | <b>-</b>  | <b>2.7</b>   | <b>-</b>   | <b>54.9</b>   | <b>-</b>   | <b>37.7</b>   |            |               |            |