

**REPORT ON DEMARCATION OF PRIORITY MICROWATERHEDS IN  
5A3C6 & 5A3C7 WATERSHEDS OF 5A3C SUBCATCHMENT  
(NON RVP), SHIMOGA DISTRICT, KARNATAKA.**

**ABSTRACT**

1. **Survey area** : 5A3C6 and 5A3C7 watersheds, Shimoga District, Karnataka
2. **Location** : 74°41' to 75°19' E longitude  
13°43' to 14°13' N latitude
3. **Total area surveyed** : 1, 96,326 ha.
4. **No. of microwatersheds** : 259
5. **Agro-climatic region** : XII – The west coast plain and hill region
6. **Type of survey** : RR Survey for priority delineation
7. **Period of survey** : August, 2006 to September, 2006
8. **Base maps** : 1:50,000 Survey of India toposheets
9. **Toposheets** : 48 J/12, J/16, 48 K/9, K/13, 48 N/4, N/8,  
48 O/1, O/2, and O/5
10. **Hydrological divisions** : a) Region – 5  
b) Basin – 5A  
c) Catchment – 5A3  
d) Subcatchment – 5A3C  
e) Watersheds – 5A3C6 & C7  
f) Subwatersheds – 5A3C6a, b,....  
g) Microwatersheds – 5A3C6a1, a2,.....

### 11. Areal extent of different Erosion Intensity Mapping Units

Sl. no	EIMU	Weightage Value	Delivery Ratio	Area (ha)	Area (%)
1	G1	13	0.68	1253	0.64
2	G2	16	0.73	2694	1.37
3	G3	15	0.7	18633	9.49
4	G4	20	0.83	2209	1.13
5	G5	16	0.73	861	0.44
6	G6	14	0.64	28795	14.67
7	G7	14	0.64	4593	2.34
8	G8	16	0.7	4589	2.34
9	G9	14	0.64	459	0.23
10	G10	12	0.56	6312	3.22
11	G11	15	0.64	2459	1.25
12	G12	13	0.6	6744	3.44
13	G13	12	0.56	29536	15.04
14	G14	13	0.6	1161	0.59
15	G15	13	0.6	5364	2.73
16	G16	13	0.58	4320	2.2
17	G17	12	0.57	25830	13.16
18	LT1	17	0.77	900	0.46
19	LT2	16	0.69	2567	1.31
20	LT3	14	0.63	4630	2.36
21	LT4	19	0.78	75	0.04
22	LT5	13	0.58	8239	4.2
23	LT6	14	0.62	4039	2.06
24	LT7	13	0.58	2206	1.12
25	Reservoir			26741	13.62
26	Tank			120	0.06
28	River			71	0.04
29	ROC			69	0.04
30	Habitation			857	0.44
			Grand Total	196326	100

