


**Report on Prioritisation of Microwatersheds in Upper Kolab  
(4E1D1 to 4E1D5) RVP catchment, district Bastar (M.P.)  
and Koraput (Orissa)**

A B S T R A C T

01. Survey area Upper Kolab Catchment  
(4E1D1 to 4E1D5 Watersheds)  
Bastar (M.P.) and Koraput  
(Orissa)
02. Location  18°18' to 19°04' NL  
81°41' to 82°40' EL
03. Total area 3,75,677 ha (including 5431  
5431 ha under roads, streams  
habitation, etc)
04. Period of survey Decembember 1997 to March 1998
05. Type of survey Rapid reconnaissance survey
06. Base material Survey of India topographical  
maps (1:50,000)
07. Hydrological division  
a) Catchment Upper Kolab (4E1)  
b) Watershed 5 (4E1D1 to 4E1D5)  
c) Microwatersheds 452
08. Priority categorisation

Sr. No.	Priority category	SYI range	No. of MWS	Area (ha)	Percent
1.	Very high	1300 & above	11	10,835	2.9
2.	High	1200 - 1299	11	8,658	2.3
3.	Medium	1100 - 1199	99	80,942	21.5
4.	Low	1000 - 1099	151	1,25,305	33.4
5.	Very low	Below 1000	180	1,44,506	38.5
	Total		452	3,70,246	98.6
	Misc. land			5,431	1.4
	Grand total			3,75,677	100.0

## 09. Erosion intensity mapping units and their extent (ha)

Sr. No.	Erosion Intensity mapping units	Area (ha)	Percent
01.	A1	11,672	3.1
02.	A2	11,432	3.0
03.	A3	658	0.2
04.	A4	4,171	1.1
05.	A5	12,564	3.3
06.	CK1	7,480	2.0
07.	CK2	3,102	0.8
08.	CK3	12,563	3.3
09.	CK4	19,056	5.1
10.	CK5	4,853	1.3
11.	CK6	6,287	1.7
12.	CK7	46,486	12.4
13.	CK8	6,064	1.6
14.	CK9	2,581	0.7
15.	CK10	6,643	1.8
16.	CK11	18,729	5.0
17.	CK12	8,386	2.2
18.	CK13	50,699	13.5
19.	CK14	29,957	8.0
20.	CK15	14,991	4.0
21.	D1	369	0.1
22.	D2	81	-
23.	S1	3,224	0.9
24.	S2	4,407	1.2
25.	S3	4,138	1.1
26.	S4	1,052	0.3
27.	S5	1,304	0.1
28.	S6	404	0.1
29.	S7	4,765	1.3
30.	SL1	8,260	2.2
31.	SL2	13,144	3.5
32.	SL3	14,765	3.9
33.	SL4	17,023	4.5
34.	SL5	5,921	1.6
35.	SL6	3,259	0.9
36.	SL7	2,756	2.6
	Total	3,70,246	98.6
	Misc. land (River, road, hab etc.)	5,431	1.4
	Grand total	3,75,677	100.0

