

REPORT ON DEMARCATION OF PRIORITY SUB WATERSHED IN THE RENGALI DAM CATCHMENT.
R.V.P. Distt, Sambalpur, Keonjore, Sundargarh Dhenkanal, Orissa.

ABSTRACT

1. Survey area : Rengali Dam Catchment
 2. Total Area : 755593
 3. a) Kind of survey : Rapid reconnaissance
 b) Period of survey : January 78 to Oct. 78
 4. Extent of area under different erosion intensity mapping unit.

<u>Mapping unit</u>	<u>Area in ha</u>
A	156016
B	31063
C	2693
D	6964
E	24163
F	3920
G	330238
J	49215
K	6687
M	3251
N	85303
Total	699513
Submerged area	56080
	<hr/>
	755593

5. a) Catchment : 1
 b) Sub catchment : 11
 c) Watershed : 41
 d) Sub watershed : 275

6. Priority categorization

Priority category	Silt yield index range	No. of sub, watersheds	Area in ha.	Percent
Very high	above 1500	28	58862	8.4
High	1401-1500	35	90542	12.9
Medium	1301-1400	40	99,333	14.2
Low	1201-1300	50	1,34,449	19.2
Very low	below 1201	122	3,16,327	45.5
Totals:-		275	699,513	100