

1. Survey area:- Priority subwatersheds
Rb2d, Rb2f, Rb2g, Rb2h and
Rb2l of Rengali R.V.P. Catchment
distt. Sambalpur, Orissa.
2. Type of Survey:- Detailed soil survey
3. Total area surveyed & mapped- 13883 ha
4. Period of survey:- November '82 - March '83
5. Soil series mapped and their distribution

Sl. No	Soil Series	No. of mapping	Subwatersheds					Area/(%)	Total
			Rb2d	Rb2f	Rb2g	Rb2h	Rb2l		
1	2	3	4	5	6	7	8	9	
1	Amgaon (AG)	1	260 (1.9)	223 (1.6)	243 (1.7)	115 (0.8)	8 (0.1)	849 (6.1)	
2.	Bargaria (BA)	1	19 (0.1)	-	208 (1.6)	130 (0.9)	-	357 (2.6)	
3.	Bendukan i (BK)	2	696 (5.0)	451 (3.2)	433 (3.2)	585 (4.2)	335 (2.4)	2500 (18.0)	
4.	Dhauragoth (DH)	1	139 (1.1)	136 (1.0)	7	30 (0.2)	340 (2.4)	652 (4.7)	
5.	Edla (ED)	2	64 (0.5)	1	268 (1.9)	106 (0.8)	10 (0.1)	449 (3.3)	
6.	Parkala (PK)	4	765 (5.5)	1028 (7.4)	403 (3.0)	533 (3.9)	858 (6.1)	3587 (25.9)	
7.	Pashibali (PB)	1	15 (0.1)	-	2	1	-	18 (0.1)	
8.	Pravasuni (P.V)	1	7	-	26 (0.2)	4	-	37 (0.2)	
9.	Sarvabmunda	2	429 (3.0)	3	1017 (7.4)	1592 (11.5)	196 (1.4)	3237 (23.3)	
10.	Sarma	3	43 (0.3)	25 (0.2)	380 (2.7)	423 (3.0)	26 (0.2)	897 (6.4)	
11.	Tileibani	2	173 (1.3)	27 (0.2)	309 (2.3)	281 (2.0)	19 (0.1)	809 (5.9)	

T	2	3	4	5	6	7	8	9
Total of mapping units	20	2610	1894	3296	3800	1792	13392	
		(18.8)	(13.6)	(23.8)	(27.4)	(12.9)	(96.5)	
Misc.area (Tank, road habitation etc.)		105	103	161	80	42	491	
		(0.7)	(0.7)	(1.2)	(0.6)	(0.3)	(3.5)	
Grand Total		2715	1997	3457	3880	1834	13883	
		(19.5)	(14.3)	(25.0)	(28.0)	(13.2)	(100)	

6. Land capability classification

Sl No	L.U.C. class	L.U.C. unit	Area (ha)	Series involved
1	2	3	4	5
1.	II	II-1 IIw-1	288 836	Pravasuni & Pashibali Angoon
2.	III	IIIe-1 IIIsw-1	3403 652	Edla, Parkala, Pashibali, Sarma & Tileibani Dhauragoth
3.	VI	VIe-1 VIes-1 VIes-2	1200 1793 69	Bargaria, Edla, Parkala & Sarma Bendrukani Sarabmunda
4.	VII	VIIes-1	290	Sarabmunda
Total			8531	
Reserve forest			4831	
Grand Total			13392	

