

Report on detailed soil survey and land use of
Kashipali and Jamchhapar watersheds (Code No.65/2 and 75/10
respectively) Mahanadi Catchment, Tahsil-Sarangarh, Distt.-
Raigarh (Madhya Pradesh).

ABSTRACT

1. Survey area : Kashipali Subwatershed (65/2) and Jamchhapar Subwatershed (75/10) Mahanadi Catchment, Tahsil-Sarangarh, Distt.-Raigarh (M.P.).
2. Total area reported : 10,483 ha. & mapped.
3. Type of Survey : Detailed Soil Survey.
4. Period of Survey : November 1981 to March 1982.
5. Soil series mapped and area (ha) covered by each.

Sr. No.	Name of soil series and symbol.	Area in ha and percentage				Total	Percentage
		Kashipali	%	Jamchhapar	%		
1.	Barampur (B)	76	2.7	276	4.8	354	4.1
2.	Damdame (D)	314	11.2	1653	29.0	1967	23.2
3.	Fulwari (F)	480	17.1	1524	26.8	2004	23.5
4.	Joganipali (J)	1633	58.1	773	13.6	2406	28.2
5.	Kutala (K)	203	7.2	122	2.1	325	3.8
6.	Lendra (L)	56	2.0	978	17.1	1034	12.2
7.	Risora (R)	43	1.5	-	-	43	0.5
8.	Vishnupali (V)	6	0.2	377	6.6	383	4.5
Total :		2811	100	5703	100	8514	100
Miscellaneous Land		599		1370		1969	
Grand Total :		3410		7073		10,483	

6. Land Capability Units and area :

Class	Area in ha	%	Capability Unit	Area in ha	%	Soil Series
II	3848	67.2	II-1	1703	29.7	Barampur, Fulwari
			II-2	1822	31.8	Joganipali
			IIe-1	20	0.4	Barampur, Kute
			IIes-2	148	2.6	Joganipali
			IIes-1	155	2.7	Vishnupali.
III	975	17.0	IIIe-1	488	8.5	Barampur, Kute
			IIIe-2	389	6.8	Joganipali
			IIIes-1	98	1.7	Vishnupali
IV	540	9.4	IVe-1	265	4.6	Kutela
			IVes-2	139	2.4	Joganipali, Vishnupali
			IVes-1	136	2.4	Lendra, Risra.
VI	366	6.4	VIes-2	366	6.4	Damdama, Lendra
Total :		5729	100	5729	100	
R.F. :		4104				
Misc. Revenue	650					
Grand Total	10,483					

