

A B S T R A C T

1. Survey area :- Priority subwatershed nos Ob2a, Ob2b, Ob2c, Ob2f, Ob2m, Ob3a , Oc1d, Oc1f, Oc1g, Oc1h, Oc3a , Oc3b, Oc3c and Oc3d subwatersheds of Ouranga dam catchment of Sone R.V.P. Bihar P.S.Manika, Latehar & Balumath of Palamau and P.S.Kisco of Ranchi districts (Bihar)
2. Type of Survey :- Detailed Soil Survey .
3. Total area surveyed and mapped :- 24932 ha.
4. Period of Survey : - November 1980 to June 1981

S.No.	Soil Series	No. of units recognised	Area of Subwatersheds (ha)				G.TOTAL	1.14	%
			Oc3c	%	Oc3d	%			
1.	Amgaon (AG)	1	88	5.6	-	-	735		2.9
2.	Amra (AR)	2	303	19.2	739	55.8	4894		19.6
3.	Amwatikar (AT)	2	-	-	-	-	1105		4.4
4.	Bairya (BY)	1	44	2.8	-	-	386		1.5
5.	Banpur (BP)	1	15	0.9	-	-	148		0.6
6.	Bathantoli (BT)	2	4	0.2	72	5.4	604		2.4
7.	Bendukani (BK)	2	50	3.2	4	0.3	2768		11.0
8.	Bhagwanpur (BG)	1	53	3.3	-	-	156		0.6
9.	Chandandeeh (CD)	2	-	-	-	-	232		0.9
10.	Dumka (D)	2	12	0.8	42	3.2	1196		4.8
11.	Edla (ED)	2	422	26.7	-	-	1644		6.6
12.	Hathiapathar (H)	1	27	1.7	38	2.9	410		1.7



S.No.	Soil Series	No. of units recognised	VI Area of Subwatersheds (ha)					
			13		14		G.TOTAL (1 to14)	%
			Oc3c	%	Oc3d	%		
13.	Jagaldaga (JD)	2	5	0.3	-	-	89	0.4
14.	Kinamar (KM)	3	12	0.8	-	-	512	2.1
15.	Matnag (MG)	2	3	0.2	-	-	858	3.5
16.	Parkala (PK)	2	31	2.0	-	-	934	3.7
17.	Pusaro (P)	2	102	6.5	264	19.9	2086	8.4
18.	Sabano (SN)	1	17	1.0	-	-	425	1.7
19.	Salodeeh (SD)	2	-	-	-	-	517	2.1
220.	Sarabmunda (SM)	2	91	5.8	-	-	797	3.2
21.	Sarma (SR)	1	1	0.1	-	-	89	0.4
22.	Sarua (S)	1	14	0.9	23	1.7	296	1.2
23.	Tappakhas (TK)	1	-	-	-	-	126	0.5
24.	Techatoli (T)	1	5	0.3	33	2.5	65	0.3
25.	Udaipur (Up)	2	114	7.2	-	-	1774	7.1
26.	Zalim (ZM)	2	50	3.1	-	-	288	1.2
Total		43	1463	92.6	1215	91.7	23134	92.8
27.	Miscellaneous land like habitation, road river, nala, tank, canal & rail ways etc.	-	117	7.4	110	8.3	1798	7.2
G.Total		43	1580	100.0	1325	100.0	24932	100.0

