

ABSTRACT

1. Survey Area-Priority Sub-watershed No.Mb1g,Mb2f and Mb2m of Mandira River Valley Project,P.S.Kurdeg & Bolba, Distt.,Ranchi-(Bihar).
2. (a) Total area surveyed and mapped-11333 Hectares.
(b) Period of survey - (i) May to June,1977
(ii) November,1977 to March,1978
(iii) May to June,1978
3. Soil series mapped and area as a whole covered by each in hectare.

<u>S.No.</u>	<u>Soil series</u>	<u>Symbol</u>	<u>Area in hectares</u>	<u>%</u>
1.	Amra	(A)	2316	20.5
2.	Balia	(B)	444	3.9
3.	Bathantoli	(BT)	721	6.4
4.	Bendukani	(BK)	49	0.4
5.	Dumka	(D)	1670	14.6
6.	Hathiapathar	(H)	1266	11.2
7.	Jarmundi	(J)	923	8.2
8.	Jethubandh	(JB)	244	2.2
9.	Khinda	(KH)	60	0.6
10.	Lachmipur	(L)	1003	8.8
11.	Parkala	(PK)	93	0.8
12.	Pusaro	(P)	1026	9.1
13.	Sarabmunda	(SM)	133	1.2
14.	Sarua	(S)	913	8.0
15.	Techatoli	(T)	59	0.5

Total	10925	96.4
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16. Other features like habitation,river nala tank,rock outcrops,roads,etc. 408 3.6

Grand Total	11333	100
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4. Sub-watershedwise Area mapped under various soil series

S.No.	Soil series	Mb1g Area in hectares	%	Mb2f Area in hectares	%	Mb2m Area in hectares	%
1.	Amra	388	18.6	731	15.9	1197	25.7
2.	Baia	4	0.2	92	2.0	348	7.5
3.	Bathantoli	62	2.9	298	6.5	361	7.8
4.	Bendukani	1	0.1	29	0.6	19	0.4
5.	Dunka	971	46.7	330	7.2	369	8.0
6.	Hathlapathar	25	1.2	880	19.2	361	7.7
7.	Jarmundi	6	0.3	429	9.3	493	10.5
8.	Jethubandh	244	11.7	-	-	-	-
9.	Khinda	-	-	2	0.1	58	1.2
10.	Lachimpur	167	8.0	548	11.9	288	6.1
11.	Parkala	-	-	39	0.9	54	1.1
12.	Pusaro	33	1.7	627	13.7	366	7.8
13.	Sarabmunda	-	-	22	0.5	111	2.4
14.	Sarna	14	0.7	396	8.6	503	10.8
15.	Techatoli	-	-	37	0.8	22	0.5
	Total	1915	92.1	4460	97.2	4550	97.5
16.	Others features like habitation, river, nala, tank, rock outcrops, road etc.	165	7.9	127	2.8	116	2.5
	Grand Total	2080	100	4587	100	4666	100

