

ABSTRACT

1. Survey Area:- Priority subwatershed No. Ma2a, Ma2b, Ma2c, Ma2f and Ma3g of Mandira River Valley Project, P.S Jaldega, Simdega and Thethaitangar, Distt. Ranchi-(Bihar)
2. (a) Total area surveyed and mapped:- 16234 hectares
 (b) Period of survey:- November, 1979 to July, 1980
 (c) Type of survey:- Detailed
3. Soil series mapped and area as a whole covered by each (ha)

S.No.	Soil series	Symbol	Area in ha.	Percentage
1.	Amra	AR	1885	11.6
2.	Balia	B	1211	7.5
3.	Bathantoli	BT	1027	6.3
4.	Biru	BR	44	0.3
5.	Dumka	D	4497	27.7
6.	Hathiapather	H	89	0.5
7.	Jethubandh	JB	405	2.5
8.	Karaya	K	2659	16.4
9.	Lachmipur	L	2358	14.5
10.	Majhauri	MJ	82	0.5
11.	Pusaro	P	1399	8.6
12.	Sarua	S	16	0.1
Total			15672	96.5
13.	Other features like waterways, road, Habitation Habitation & ^{Rockout} Rockout Crop.		562	3.5
Grand Total			16234	100

4. Subwatershedwise area mapped under different soil series

S.No.	Soil series	Subwatersheds,(Area in ha.)									
		Ma2a		Ma2b		Ma2c		Ma2f		Ma3g	
		Area	%	Area	%	Area	%	Area	%	Area	%
1.	Amra	903	19.2	76	4.0	179	5.8	275	9.7	452	12.
2.	Balia	34	0.8	-	-	12	0.4	-	-	1165	31.
3.	Bathantoli	126	2.6	167	8.7	420	13.6	299	10.5	15	0.
4.	Bira	-	-	-	-	-	-	-	-	44	1.
5.	Dumka	1776	37.8	730	38.4	823	26.7	902	31.8	256	7.
6.	Hathiapathar	-	-	11	0.6	78	2.5	-	-	-	-
7.	Jethubndh	272	5.8	50	2.6	27	0.9	43	1.5	13	0.
8.	Karaya	318	6.8	356	18.7	590	19.2	745	26.3	650	17.
9.	Lachmipur	1023	21.8	390	20.5	604	19.6	341	12.0	-	-
10.	Majhauri	-	-	4	0.2	4	0.1	-	-	74	2.
11.	Pusaro	168	3.4	35	1.8	246	8.0	139	4.9	811	21
12.	Sarua	-	-	-	-	-	-	16	0.6	-	-
Total		4620	98.2	1819	95.5	2983	96.8	2760	97.3	3490	94
13.	Other feature like waterways road Habitation & rockout crop	82	1.8	86	4.5	97	3.2	75	2.7	222	6
Grand Total		4702	100	1905	100	3080	100	2835	100	3712	100

