

(1)

A B S T R A C T

1. Surveyed area :- Priority subwatershed No. Mb3g, Mc3b, Mc3d, Md1d and Md3k of Mandira River Valley Project, P.S. Simdega and Dumfiri Distt- Ranchi (Bihar).
2. (a) Total area surveyed and mapped :-15,113 ha.  
(b) Period of Survey :- November 1979 to June 1980.  
(c) Type of survey : Detailed
3. Soil Series mapped and area as a whole covered by each in hectare.

S.No.	Soil Series	Symbol	Area in hectares	%
1.	Amra	(AR)	4528	30.0
2.	Balia	(B)	1637	10.8
3.	Bathantoli	(BT)	717	4.7
4.	Biru	(BR)	101	0.6
5.	Dumka	(D)	1871	12.4
6.	Hatlapathar	(H)	98	0.6
7.	Jethubandh	(JB)	253	1.7
8.	Karaya	(K)	1837	12.2
9.	Kauriya	(KY)	10	0.1
10.	Lachmipur	(L)	582	3.9
11.	Latu	(LT)	45	0.3
12.	Majhauri	(MJ)	162	1.1.
13.	Pusaro	(P)	1897	12.6
14.	Sarua	(S)	439	2.9
15.	Techatoli	(T)	353	2.3
Total			14530	96.2
16.	Other features like habitation river, Nala, Tank rock outcrops, roads, etc		583	3.8
Grand Total			15,113	100

## (ii)

## 4- Subwatershedwise Area mapped under various soil series

Sl. no.	Soil series	Mb3g area in hactares ( % )	MC3b area in hactares(%)	Mc3d area in hec- tares (%)	Md1d Area in hact- ares (%)	Md3k area in hact- ares (%)
1.	Amra	1475 (36)	811 (21.6)	586 (33)	1569 (34.4)	87 (9.3)
2.	Balia	51 (1.2)	1253 (33.5)	68 (3.8)	212 (4.7)	53 (5.6)
3.	Bathan- toli	280 (6.8)	-	5 (0.3)	312 (6.9)	120 (12.8)
4.	Biru	93 (2.3)	-	-	-	8 (0.8)
5.	Dumka	666 (16.2)	504 (13.5)	243 (13.7)	442 (9.7)	16 (1.7)
6.	<del>Hathia</del> pathar	63 (1.5)	-	-	28 (0.6)	7 (0.7)
7.	Jethu- bandh	210 (5.1)	-	14 (0.8)	29 (0.6)	-
8.	Karaya	274 (6.6)	577 (15.4)	261 (14.5)	725 (15.9)	-
9.	Kauriya	6 (0.1)	-	-	4 (0.1)	-
10.	Lachim- pur	155 (3.7)	46 (1.2)	56 (3.2)	308 (6.7)	17 (1.8)
11.	Latu	-	-	-	-	45 (4.8)
12.	Majhauri	-	42 (1.1)	-	120 (2.6)	-
13.	Pusaro	439 (10.7)	404 (10.8)	352 (19.8)	497 (10.9)	205 (21.8)
14.	Sarua	169 (4.9)	-	69 (3.9)	98 (2.1)	103 (11.)