

1. SURVEY AREA : Priority Subwatershed No : Mc2a, Mc2b, Mc2c, Mc2d and Mc2g of Mandira River Valley Project, P.S : Simdega, Dist. Ranchi (Bihar).
2. (a) Total area surveyed and mapped - 16031 ha.
- (b) Period of Survey :
(c) November^{01st} 1979 to June^{1st} 1980.
- (c) Type of survey-Detailed
- (d) Soil : Soil series mapped and area as a whole covered by each in hectares.

Sl. No.	Soil Series	Symbol	Area in (ha)	Percentage
---------	-------------	--------	--------------	------------

1.	Amra	AR	3568	22.2
2.	Balia	B	3749	23.4
3.	Bathantoli	BT	50	0.3
4.	Biru	BR	79	0.5
5.	Dumka	D	764	4.8
6.	Hathiapathar	H	284	1.8
7.	Jethubandh	JB	137	0.9
8.	Karaya	K	2332	14.5
9.	Lachmipur	L	112	0.7
10.	Majhauri	MJ	20	0.1
11.	Pusaro	P	3508	21.9
12.	Sarua	S	410	2.6
13.	Techatoli	T	274	1.7

Total			15287	95.4
-------	--	--	-------	------

14.	Other features like habitation River, Nala, Tank rock out Crops, Roads etc.:		744	4.6
-----	--	--	-----	-----

Grand Total			16031	100
-------------	--	--	-------	-----

LAND CAPABILITY CLASSIFICATION SUBWATERSHEDWISE AREA IN HECTARES

S1.	Subwater shed no.	II-1	IIe1	IIw-1	IIIe-1	IIIes-1	IVe1	IVes-1	IVes-2
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1.	MC2a	224 5.8%	670 17.4%	749 19.5%	1060 27.6%	37 1.0%	318 8.3%	-	4 0.1%
2.	MC2b	598 20.9%	560 19.5%	513 17.9%	455 15.0%	-	293 10.2%	-	-
3.	MC2c	298 10.5%	697 24.5%	421 14.8%	112 3.9%	24 0.8%	382 13.4%	-	-
4.	Mc2d	-	97 2.8%	502 14.7%	158 4.7%	17 0.5%	279 8.2%	30 0.9%	-
5.	Mc2g	181 5.9%	471 15.3%	557 18.1%	370 12.0%	-	161 5.3%	-	-
	Total	1301	2495	2742	2155	78	1433	30	4
	%	8.1%	15.6%	17.1	13.4	0.5	8.9	0.2	0.1

