

ABSTRACT

Survey Area : Priority sub watershed No. Pb3k, Pc7f, Pd4a, Pd4b, Pd5b, Pf1b, Pf3c, Pf4a, Pr1j and Pr1k of Punpun (Morhar) F.P.R. catchment, Distt. Aurangabad, Gaya and Palamau. (Bihar)

2. Total Surveyed area : 26,173 hectares in 249 villages .

3. Period of survey : December 1989 to June 1990 .

4. Type of survey : Detailed soil survey .

5. Soil Series mapped and their distribution .

Sl. No. Soil Series No. of mapping unit Symbol Area in ha Percentage

1	2	3	4	5	6
1.	Amra	3	AR	7452	28.4
2.	Baralota	1	BL	105	0.4
3.	Bathantoli	2	BT	305	1.1
4.	Bhikari	3	BH	1060	4.0
5.	Dumka	3	D	605	2.3
6.	Ganguwar	3	GR	1010	3.9
7.	Hathia Pathar	4	H	2310	8.9
8.	Jagir	5	JR	1247	4.8
9.	Kasia chak	2	KC	1740	6.6
10.	Kauriya	4	KY	1329	5.0
11.	Lachmipur	3	L	524	2.0
12.	Maran	5	MR	2027	7.8

Area under different land capability classes :

Sl. No.	Land Capability units	Total area in ha.	Soil Series Name
1	2	3	4
1	II	12480	Bhikri, Hathia Pathar, Jagir, Kauriya, Kasiachak, Maran, Pusaro, Nidani, Barolota, Sarua, Bathantoli, Ganguwar .
2	III	2280	Bhikri, Bathantoli, Jagir, Kauriya, Maran, Pusaro, Lachmipur .
3	IV	1126	Jagir, Maran, Pusaro, Lachmipur .
4	VI	827	Jagir, Maran, Pusaro, Dumka .
5	VII	7880	Dumka, Amra .

Total 24663

Misc Area 1510

26,173