

Report on detailed Soil Survey and land use of Pn3b , Pn3d , Pn3f , Pn4d , PP1h , PP2a , PP2b , PP2c , PP2d and PP2g subwatersheds of Morhar: attachment , District Gaya and Hazaribagh , Bihar State .

ABSTRACT

1 - Survey area :- Priority subwatersheds no. Pn3b, Pn3d , Pn3f , Pn4d , PP1h , PP2a , PP2b , PP2c , PP2d and PP2g .

2 - Total area Surveyed :- 24,626 ha.

3 - No. of village Surveyed :- 72 villages .

1) Full village covered :- 36 villages .

2) Half village covered :- 36 "

4 - Type of Survey :- Detailed soil survey .

5 - Period of survey :- December 1990 to June 1991 .

6 - Soil series mapped and their distribution .

Sl.No.	Name of Soil Series	No.of mapping unit	Total area in ha.	Subwatersheds wise area		
				in ha	% (each subwatershed)	
				Pn3b	Pn3d	Pn3f
1	2	3	4	5	6	7
1	Amra (AR)	3	9202(37.4)	-	9 (0.3)	717(20.7)
2	Bhikri (BH)	3	640(2.6)	112(9.5)	-	17(0.5)
3	Dumka (D)	3	643(2.6)	-	93(3.5)	117(3.4)

1	2	3	4	5	6	7
4	Duari (DR)	5	1514 (6.1)	-	178 (7.0)	51 (1.5)
5	Hathiapathar (H)	2	1788 (7.3)	-	191 (7.6)	415 (11.9)
6	Karaya (K)	2	88 (0.3)	-	30 (1.2)	27 (1.0)
7	Kauriya (KY)	4	150 (0.6)	-	2 (0.1)	13 (0.4)
8	Lachmipur (L)	4	1375 (5.6)	-	561 (22.2)	616 (17.7)
9	Maran (M)	4	2668 (10.8)	-	700 (27.8)	844 (24.3)
10	Nidani (NN)	2	1580 (6.5)	547 (46.3)	21 (0.9)	118 (3.4)
11	Sarua (S)	3	672 (2.7)	-	85 (2.2)	95 (2.7)
12	Techartoli (7)	5	1170 (4.8)	-	611 (24.2)	272 (7.8)
13	Tikuna (TK)	4	1379 (5.6)	-	-	50 (1.4)

Total	22,869	837	2451	3356
%	92.9	70.8	97.2	96.7

Misc, Road, Nala, River	1757	345	72	116
Habitation %	7.1	29.2	2.8	3.4

G. Total	24,626	1182	2523	3472
	100%	100%	100%	100%

