

DETAILED SOIL AND LAND USE SURVEY OF Kjlf, Kjlh, Kjlj, Kjlk
Kjlm, Kj2a and Kj2b SUBWATERSHEDS OF KANHAR (SON F.P.R.) CATCHMENT,
DISTRICT- PALAMAU, BIHAR STATE.

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A B S T R A C T

1. Surveyed area: Priority subwatersheds No. Kjlf, Kjlh, Kjlj, Kjlk, Kjlm, Kj2a & Kj2b of Kanhar Catchment P.S. Bhandaria and Ranka, District- Palamau, Bihar State.
2. Total geographical area: 19, 462 hectares.
3. Type of survey: Detailed soil survey.
4. Period of surveys: April, 86 to June, 86 and Dec, 86 to March, 87.
5. Agroclimatic zones: Chhota Nagpur, Plateau.
6. Soil series and their distribution (in Ha.) in the surveyed areas:

Sl.No.	Soil series	No. of mapping units identified	Area in ha.	Percentage coverage
1.	2.	3.	4.	5.
1.	Amra (AR)	06 (Six)	1206	6.2
2.	Balia (B)	03 (Three)	374	2.0
3.	Baralota (BL)	04 (Four)	601	3.0
4.	Bathantoli (BT)	03 (Three)	2337	12.2
5.	Dumka (D)	05 (Five)	923	4.6

1.	2.	3.	4.	5.
6.	Janewa (JN)	02 (Two)	457	2.4
7.	Kauriya (KY)	03 (Three)	1074	5.5
8.	Lachmipur (L)	07 (Seven)	2582	13.6
9.	Majhauri (MJ)	05 (Five)	811	4.2
10.	Nagar (NG)	05 (Five)	136	0.7
11.	Piprakalan (PN)	05 (Five)	1831	9.4
12.	Pusaro (P)	04 (Four)	6060	30.6
13.	Sarua (S)	03 (Three)	383	2.0
14.	Miscellaneous (Road/ waterways/habitation/ Rock patch)		687	3.6
TOTAL:		55	19,462	100.0

7. DISTRIBUTION OF AREA UNDER DIFFERENT L.U.C. CLASSES:

Sl. No.	Land capability class	Area	Name of soil series
1.	II	9866	Balia, Baralota, Bathantoli, Janewa, Kauriya, Majhauri, Nagar, Piprakalan, Pusaro, Sarua.
2.	III	4276	Balia, Bathantoli, Janewa, Lachmipur, Majhauri, Nagar, Piprakalan, Pusaro.
3.	IV	2504	Bathantoli, Kauriya, Lachmipur, Majhauri, Piprakalan, Pusaro.
4.	VI	1152	Anra, Dumka
5.	VII	977	Anra, Dumka
Total area:		18, 775	
Misc. area:		687	
GRAND TOTAL:		19, 462	