

Detailed soil survey and land use of Ga6a, Ga6b, Ga6c, Ga6d, Ga6f, Ga6h, Ga6j, Ga6k, Ga6m and Gb6f subwatersheds of Upper Ganga **F P R**, Tehsil and district Pauri, U.P.

ABSTRACT

1. Survey area - Ga6a, Ga6b, Ga6c, Ga6d, Ga6f, Ga6h, Ga6j, Ga6k, Ga6m and Gb6f subwatersheds of (Alkhnanda River) Upper Ganga **F P R** Tehsil and District Pauri, U.P.
2. Area under report - 14,507 hectares
3. Period of survey - May to July 1985,
May to July 1986
June-July 1989
4. Kind of survey - Detailed soil survey
5. Soil series mapped and area covered

<u>Name of the soil series</u>	<u>Area in ha.</u>	<u>Percentage</u>
1. Balori (B)	112	0.8
2. Dhumakot (DH)	7427	51.2
3. Gunai (G)	30	0.2
4. Kolhi (K)	324	2.2
5. Phaproli (KH)	53	0.4
6. Marwara (M)	21	0.1
7. Pundori (P)	219	1.5
8. Rajsera (R)	10	0.1
9. Sirala (S)	4387	30.3
10. Ujiari (U)	1326	9.1
. Miscellaneous	237	1.6
River and Naia	361	2.5
Grand Total	14507	100.0

6. Area under land irrigability classes, paddy soil group and Hydrologic groups

a)

<u>Soil Irrigability class</u>	<u>Area (ha).</u>	<u>Percentage</u>
A	219	1.4
B	874	6.3
C	1812	13.0
D	3524	25.3
E	7480	54.0
Total	13909	100.0

b) Land irrigability class

2t	249	1.6
2st	572	4.2
3st	1616	11.5
4st	3992	28.7
6st	7480	54.0
Total	13909	100.0

c) Paddy soil groups

2	316	2.2
3	1650	11.0
4	4463	32.0
5	7480	54.0
Total	13909	100.0

d) Hydrologic groups

B	2042	14.4
C	4387	30.8
D	7480	54.8
Total	13909	100.0

7. Land Capability and their extent, soil series & percentage

a) Land capability class Area (ha) Percentage

II	219	1.5	Pundori
III	934	6.4	Balori, Gumai, Kolhi, Marawara
Sub-total	1153	9.7	Rajsera, Ujiari
IV	5276	36.4	Kolhi, Sirala,
VII	7480	51.6	Dhumakot Ujiari and
Sub Total	12756	88.0	Khaproli
Misc & under water	598	4.1	
Grand Total	14507	100.0	

