

Detailed soil survey and land use of Rain mini watershed Tehsil and District Pauri, Uttar Pradesh.

ABSTRACT

1. Survey area : Rain mini watershed, Tehsil and district Pauri, (U.P)
N Latitudes 30°7' to 30°8'
E Longitudes 78°46' to 78°48'
2. Total area : 414 hactares
3. Kind of survey : Detailed Soil Survey
4. Period of Survey : June - July, 1987
5. Soil series mapped and area covered under each

S.No.	Name of Soil Series	Area in ha.	Percentage
1	Balori	2	0.5
2.	Dhumakot	102	24.6
3.	Khaprol	62	15.0
4.	Kolhi	21	5.0
5.	Rain	14	3.4
6.	Sirala	192	46.4
7.	Miscellaneous land	21	5.1
TOTAL		414	100.0

6. Land capability classes :

Land capability classes	Soil series	Area ha.	%
<u>(A) ARABLE LANDS</u>			
II. Good arable lands "	Balori	2	0.5
III "Moderately good arable lands"	Kolhi Rain	35	8.4
IV. "Fairly good arable lands"	Sirala	192	46.4
Sub-total		229	55.3

(B) LAND NOT SUITABLE FOR CULTIVATION

VII	"Fairly well suited for grazing or Forestry "	Dhumakot Khaproli	156	37.7
VIII.	"Suited only for wild life, recreation etc".	Dhumakot	8	1.9
Sub-total			164	39.6

(C) MISCELLANEOUS LAND

1.	Under water (Nalabed)		8	2.0
2.	Miscellaneous (Habitation, Road etc)		13	3.1
TOTAL			414	100.0

7. Erosion Inventory :

Erosion class	Area in ha,	Percentage
1. Moderate erosion	148	35.7
2. Severe erosion	245	59.2
3. Miscellaneous land	21	5.1
TOTAL		100.0

8. Distribution of Area under different slope classes

Slope classes	Area in ha,	Percentage
1. strongly sloping(10-15%)	2	0.5
2. Moderately steep to steep (15-25%)	63	15.2
3. Steeply slopes(25-33%)	120	29.0
4. Very steep and above (Over 33%)	208	50.2
Miscellaneous land	21	5.1
TOTAL		100.0

