

Report on Demarcation of Priority Micro-watersheds in the Catchment of Ramganga RVP (above Kalagarh Dam), Uttaranchal

ABSTRACT

- Survey Area : Ramganga RVP catchment
- Total area of the catchment : 3,12,821 ha
- Period of Survey : April, 1999 to May, 1999
- Kind of Survey : Rapid Reconnaissance Reassessment Survey Using Remote Sensing Techniques
- Location of the Catchment : 29⁰-30' to 30⁰-07' North Latitudes
78⁰-35' to 79⁰-35' East Longitudes
- Hydrological divisions :
 - (a) Catchment : Ramganga RVP (2B4 Part above Kalagarh Dam), Uttaranchal
 - (b) Sub-catchment : 2B4E (Part)
 - (c) Watersheds : 4-(2B4E3, 4,5,6)
 - (d) Sub-watersheds : 134
 - (e) Micro-watersheds : 288
- Extent of area under different Erosion Intensity Mapping Units (EIMUs)

Sl. No.	Mapping unit	Area in ha	Percentage
1.	A1	540	0.17
2.	A2	1739	0.56
3.	A3	425	0.14
4.	CM1	1155	0.37
5.	CM2	1145	0.37
6.	CM3	2008	0.64
7.	CM4	1837	0.59
8.	CM5	3040	0.97
9.	CM6	3090	0.99
10.	CM7	2518	0.81
11.	CM8	1441	0.46
12.	GN1	250	0.08
13.	GN2	235	0.08

Sl. No.	Mapping unit	Area in ha	Percentage
14.	GN3	410	0.13
15.	LS1	5085	1.62
16.	LS2	3390	1.08
17.	LS3	3260	1.04
18.	LS4	1558	0.50
19.	LS5	650	0.21
20.	LS6	205	0.07
21.	LS7	730	0.23
22.	LS8	830	0.27
23.	LS9	7757	2.48
24.	LS10	6325	2.02
25.	LS11	2442	0.78
26.	LS12	4391	1.40
27.	LS13	3130	1.00
28.	LS14	4941	1.58
29.	LS15	3440	1.10
30.	LS16	415	0.13
31.	LS17	90	0.03
32.	LS18	20	0.01
33.	LS19	183	0.06
34.	LS20	155	0.05
35.	LS21	40	0.01
36.	SC1	8865	2.83
37.	SC2	13100	4.19
38.	SC3	7185	2.30
39.	SC4	12120	3.87
40.	SC5	4660	1.49
41.	SC6	3983	1.27
42.	SC7	12035	3.85
43.	SC8	11116	3.55
44.	SC9	13454	4.30
45.	SC10	19462	6.22
46.	SC11	23970	7.66
47.	SC12	29484	9.42
48.	SC13	13818	4.42
49.	SC14	6457	2.06
50.	SC15	3473	1.11
51.	SC16	770	0.25
52.	SC17	30	0.01
53.	SC18	50	0.02
54.	SC19	75	0.02
55.	SC20	175	0.06
56.	SC21	125	0.04
57.	SC22	125	0.04

