

Report on Demarcation of Priority Subwatersheds in Hk subcatchment
(Mand River) of Hirakud Catchment, Bilaspur, Raigarh and Surguja
Districts, Madhya Pradesh.

A B S T R A C T

- 1 Survey area : Hk Subcatchment under [H]
 Hirakud Catchment
- 2 Location : 21° 40' - 23° 5' N Latitudes
 82° 40' - 83° 40' E Longitudes
- 3 Total area : 7,85,038 ha (7,85,038)
- 4 (a) Type of Survey : Rapid Reconnaissance
 for Priority subwatersheds
- (b) Period of Survey : November, 85 to June, 1986
- 5 Base material : Survey of India topographical
 maps (1 : 50,000)
- 6 Area extent under different erosion intensity units :

Mapping Units	Area	Percentage of the total area
A	8,088	1.0
B	15,506	2.0
C	1,23,238	15.6
D	28,979	3.7
E	1,01,303	12.9
F	1,07,418	13.7
G	1,02,643	13.1
H	43,377	5.5
J	828	0.1
L	4,837	0.6
M	10,126	1.4
N	1,834	0.2
P	1,17,026	14.9
R	64,860	8.3
S	5,630	0.7
T	20,356	2.6
U	28,190	3.6
Total	7,85,038	100.0



(ii)

7. Hydrological sub- Division :

- a - catchment - Hirakud (H)
- b - sub-catchment - One Hk
- c - watersheds - 12
- d - subwatersheds - 247

8. Gradation of Priority Subwatersheds :

Grading	No. of subwatersheds	Area (ha)	Percentage
a - Very High	2	4,577	0.6
a - High	4	6,796	0.9
c - Medium	30	1,05,064	13.4
d - Low	80	2,98,441	38.0
e - Very low	131	3,70,160	47.1
Total :	247	7,85,038	100.0

Eight sheets of soil map (1 : 50,000) are appended with the report