

ABSTRACT

- 1) Survey Area : A part of Ghongha Nala subwatershed (Code No. 27/4)  
Mahanadi Catchment, Teh. and Dist. Bilaspur (M.P)
- 2) a. Total area : 9472 ha.  
reported &  
mapped
- b. Period of : 12th February, 1980 to 14th June, 1980.  
Survey

3) (i) Soil series mapped and area covered by each in ha

Sr.No.	Soil Series (Symbol)	Total area	Percent on total area	Percent within series Total
1.	Dumarपाली (DP)	1173	12.4	12.9
2.	Jatri (J)	445	4.7	4.9
3.	Koni (KO)	361	3.8	4.0
4.	Nandeli (NL)	510	5.4	5.6
5.	Nawagaon (NG)	6589	69.6	72.6
Total		9078	95.9	100.0
(ii) Other features like village situation, river, nala, road tank etc.				
		394	4.1	
Grand Total		9472	100.0	

4) Land capability classification

Land capability unit	Area in ha	Percent	Soil Series
II-1	936	10.3	Jatri, Nandeli
II-2	20	0.2	Koni
IIe-1	19	0.2	Nandeli
IIs-1	4200	46.3	Nawagaon
IIes-1	1296	14.3	-do-
IIIe-1	341	3.8	Koni
IIIs-1	203	2.2	Nawagaon
IIIes-1	524	5.8	-do-
IVes-1	366	4.0	-do-
IVes-2	872	9.6	Dumarपाली
Vies-1	301	3.3	-do-
Total	9078	100.0	

(ii)

5) Specific Problems:

<u>Nature of Problem</u>	<u>Area (ha)</u>	<u>Associated Soil Series</u>
1. Moderate erosion	3052 (33.6%)	Dumarpali, Koni, Nandeli Nawagaon.
2. Severe erosion	400 (4.4%)	Dumarpali, Nawagaon
3. Very severe erosion	267 (3.0%)	Dumarpali
Total	3719 (41.0%)	