

Report on detailed soil survey of Nt4b subwatershed of Nizamsagar catchment, Ambojagai taluk, Bhir district, Maharashtra State.

Abstract for Nt4b Subwatershed

1. Survey area : Nt4b subwatershed of Nizamsagar catchment, Ambojagai taluk, Bhir district, Maharashtra State.
2. Period of survey : December 1981 to February 1982
3. Total area mapped and reported: 4411 hectares.
4. Soil series mapped and area in hectares under each

<u>Sl.No.</u>	<u>Soil Survey Name</u>	<u>Area in hectares</u>	<u>Percentage</u>
1.	Chinkod	60	1.4
2.	Gadgi	214	4.8
3.	Khanapur	527	11.9
4.	Kandgola	639	14.5
5.	Kumbhare	66	1.5
6.	Palsi	123	2.8
7.	Sorhalli	919	20.8
8.	Sultampur	1291	29.3
9.	Wadgaon	466	10.6
10.	Miscellaneous lands	106	2.4
	<u>Total</u>	<u>4411</u>	<u>100.0</u>

5. Land capability classification:

<u>Sl.No.</u>	<u>Land capability class</u>	<u>Area in hectare</u>	<u>Percentage</u>	<u>Soil series</u>
1.	Class II	2216	50.2	i) Chinkod ii) Kumbhare iii) Sorhalli iv) Sultampur
2.	Class III	1096	24.9	i) Gadgi ii) Kandgola iii) Kumbhare iv) Palsi v) Sultampur
3.	Class IV	993	22.5	i) Khanapur ii) Wadgaon
	<u>Total</u>	<u>4305</u>	<u>97.6</u>	
	Miscellaneous lands	106	2.4	
	<u>Total</u>	<u>4411</u>	<u>100.0</u>	

6. Specific problematic areas:

- | | |
|-----------------------------------|----------------|
| 1. Moderate erosion on 1-3% slope | - 962 hectares |
| 2. Moderate erosion on 3-5% slope | 1127 " |
| <u>Total</u> | <u>2089</u> " |