

Report on detailed soil survey of Nk1b and Nk1c subwatersheds of Nizansagar catchment in Aurad taluka, Bidar district, Karnataka State.

Combined Abstract for both subwatersheds

1. Survey area: Nk1b and Nk1c subwatersheds of Nizansagar catchment, Aurad taluka, Bidar district, Karnataka State.

2. Total area mapped and reported: 9781 hectares

3. Period of work : December 1978 to March 1979

4. Soil series mapped and area in hectares covered under each

<u>Sl.No.</u>	<u>Soil series name</u>	<u>Area in hectare</u>	<u>Percentage</u>
1.	Chinkod	90	0.9
2.	Kandgola	3426	35.0
3.	Ladha	742	7.6
4.	Sorhalli	1495	15.3
5.	Sultanpur	892	9.1
6.	Wadgaon	3048	31.2
7.	Miscellaneous	88	0.9
	<u>Total</u>	<u>9781</u>	<u>100.0</u>

5. Land capability classes:

<u>Classes</u>	<u>Area in ha.</u>	<u>Percentage</u>	<u>Soil series</u>
Class II	2302	23.5	i) Chinkod ii) Sorhalli iii) Sultanpur
Class III	3601	36.3	i) Kandgola ii) Sorhalli iii) Sultanpur
Class IV	3048	31.2	i) Wadgaon
Class VII	742	7.6	i) Ladha
<u>Total</u>	<u>9693</u>	<u>99.1</u>	

6. Specific problematic areas:

a) Moderate erosion on slopes above 3% on moderately deep to deep soils - 175 hectares

b) Moderate to severe stoniness - 2166 "

Total 2341