

Report on detailed soil survey and land use of Nn3a, Nn3b and Nn3c sub-watersheds of Nizamsagar catchment in AUSA and Nilanga taluks of Latur district, Maharashtra State.

i. ABSTRACT FOR Nn3a, Nn3b and Nn3c SUBWATERSHEDS

1. Survey area : Nn3a, Nn3b, Nn3c subwatersheds of Nizamsagar catchment in AUSA and Nilanga taluks of Latur district, Maharashtra State.
2. Total area mapped and reported : 27,457 hectares
3. Period of work : February 1985 to June 1985
4. Soil series mapped and area under each series

Sl. No.	Soil series name	Subwatersheds in hectares			Area in hectares	Percentage
		Nn3a	Nn3b	Nn3c		
1.	Ari	-	62	-	62	0.3
2.	Chimkod	25	-	-	25	0.1
3.	Gadgi	389	1077	122	1588	5.8
4.	Kandgola	765	2938	279	3982	14.5
5.	Ladha	1319	1064	1796	4179	15.2
6.	Sorhally	775	2458	1391	4624	16.9
7.	Sultanpur	875	2155	1832	4862	17.7
8.	Tambrawadi	261	268	-	529	1.9
9.	Wadgaon	2435	3327	897	6659	24.2
10.	Miscellaneous	301	285	361	947	3.4
Total		7145	13634	6678	27457	100.0

5. Land capability classification

Sl.No.	Land capability unit	Area in hectares	Percentage	Soil series
1.	II	5691	20.8	1. Sorhally 2. Sultanpur 3. Chimkod
2.	III	9390	34.4	1. Sorhally 2. Sultanpur 3. Gadgi 4. Kandgola
3.	IV	7029	25.6	1. Tambrawadi 2. Wadgaon
4.	VI	159	0.6	1. Tambrawadi
5.	VII	4241	15.3	1. Ladha 2. Ari
6.	Miscellaneous	947	3.3	1. Ari 2. Ladha

6. Specific problematic area

- a) Moderate erosion on above 3% slope on moderately deep and deeper soils - 6369
- b) Severe stoniness and rockiness - 4737
- c) Shallowness - 11291
- d) Severe sh erosion 4241

Actual total problematic area 17660 hectares

* An area of 8978 hectares having more than one problem.