

Report on detailed soil and land usesurvey of Np3c subwatershed of Nizamsagar catchment in Ahmadpur, Asua, Latur and Nilanga taluks of Latur district, Maharashtra State.

Abstract for Np3c subwatershed

1. Survey Area : Np3c subwatershed of Nizamsagar catchment in Ahmadpur, Asua, Latur and Nilanga taluks of Latur district, Maharashtra State.
2. Total area mapped and reported: 10,598 hectares.
3. Period of work : 1984 February to June 1984.
4. Soil series mapped and the area in hectares under each

<u>Sl.No.</u>	<u>Soil series name</u>	<u>Area in hectares</u>	<u>Percentage</u>
1.	Basantpur	1651	15.6
2.	Chinkod	389	3.7
3.	Gadgi	825	7.8
4.	Kandgola	1478	13.9
5.	Ladha	191	1.8
6.	Sultanpur	1822	17.2
7.	Wadgaon	3921	37.0
8.	Miscellaneous lands	321	3.0
		<u>10598</u>	<u>100.0</u>

5. Land capability classification

<u>Sl.No.</u>	<u>Land capability unit</u>	<u>Area in hectares</u>	<u>Percentage</u>	<u>Soil series</u>
1.	IIIs-1	123	1.2	1) Basantpur 2) Sultanpur
2.	IIIs-1	1481	14.0	1) Basantpur 2) Sultanpur
3.	IIIs-2	179	1.7	1) Chinkod
4.	IIIIs-1	27	0.3	1) Gadgi
5.	IIIIs-1	1869	17.6	1) Basantpur 2) Chinkod 3) Sultanpur
6.	IIIIs-2	1719	16.2	1) Gadgi 2) Kandgola
7.	IIIIs-3	557	5.2	1) Kandgola
8.	IIIIs-4	210	2.0	1) Chinkod
9.	IVIs-1	3379	31.9	1) Wadgaon
10.	IVIs-2	528	5.0	1) Wadgaon
11.	VIIs-1	14	0.1	1) Wadgaon
12.	VIIIs-1	82	0.8	1) Ladha
13.	VIIIs-2	109	1.0	1) Ladha
14.	Miscellaneous lands	321	3.0	
		<u>10598</u>	<u>100.0</u>	

6. Specific problematic area:

a) Moderate erosion on above 3% slope on moderately deep and deeper soils	- 3348 hectares
b) Stoniness	- 1243 "
c) Shallow to very shallow soils	4112 "
	<u>8703</u>

Actual total problematic area 7523 hectares

* An area of 1180 hectares having more than one problem