

Report on detailed soil survey and land use of Nn1a and Nn2a subwatersheds, Nizamsagar, Nilanga taluk of Latur district, Maharashtra State.

ABSTRACT

1. Survey area - Nn1a and Nn2a subwatersheds of Nizamsagar catchment, Nilanga taluk, Latur district, Maharashtra State.
2. Total area surveyed and reported : 10498 hectares
3. Kind of survey - Detailed Soil Survey
4. Period of work - December 1984 - February 1985
5. Soil series mapped and area in hectares under each series

Sl.No.	Series name	Nn1a	%	Nn2a	%	Total area	Percentage
1.	Chinkod	106	1.5	41	1.2	147	1.4
2.	Gadgi	133	1.9	130	3.7	263	2.5
3.	Kandgola	1233	17.7	410	11.6	1643	15.7
4.	Ladha	176	2.5	290	8.2	466	4.4
5.	Sorhalli	1450	20.9	713	20.1	2163	20.6
6.	Sultanpur	1222	17.6	449	12.7	1671	15.9
7.	Tambrawadi	295	4.2	101	2.8	396	3.8
8.	Wadgaon	1960	28.2	1278	36.1	3238	30.8
9.	Miscellaneous	383	5.5	128	3.6	511	4.9
Total		6958	100	3540	100	10498	100

6. Distribution of areas under different land capability classes

Sl.No.	Land capability unit	Nn1a	Percentage	Nn2a	Percentage	Total area	Soil series name
1.	II	1288	18.5	456	12.9	1744	Sorhalli Sultanpur Chinkod
2.	III	2856	41.1	1287	36.3	4143	Sorhalli Sultanpur Gadgi Kandgola
3.	IV	2555	32.4	1341	37.9	3596	Tambrawadi Wadgaon
4.	VI	-	-	38	1.2	38	Tambrawadi
5.	VII	176	2.5	290	8.1	466	Ladha
		6575		3412		9987	
Miscellaneous		383	5.5	128	3.6	511	
Total		6958	100	3540	100	10498	

7. Specific problematic areas

	Nn1a	Nn2a	Total
a. Moderate erosion on slopes above 3% having moderately deep to very deep soils	2418	1047	3465
b. Stoniness	871*	554*	1425
c. Severe erosion	176*	290*	466*
d. Shallow to very shallow soils	2431	1669	4100
Total	5896	3550	9456

Problematic areas -7565 hectares

*An area of 1891 hectares having more than one problem
Area subject to more than one problem