

Report on detailed soil survey of Nn2c subwatershed of Nizamsagar catchment in Nilanga taluk, Osmanabad district, Maharashtra State.

Abstract for Nn2c subwatershed

1. Survey area : Nn2c subwatershed of Nizamsagar catchment in Nilanga taluk, Osmanabad district, Maharashtra
2. Total area mapped and reported: 5795 hectares
3. Period of work : February and March 1981
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	1233	21.3
2.	Kandgola	1778	30.7
3.	Kasarsirsi	35	0.6
4.	Ladha	387	6.7
5.	Sultanpur	1982	34.2
6.	Wadgaon	259	4.4
7.	Miscellaneous	121	2.1
Total		5795	100.0

5. Area under different land capability units:

<u>Sl.No.</u>	<u>Land capability unit</u>	<u>Area in hectares</u>	<u>Percentage</u>	<u>Soil series</u>
1.	Class II	3129	54.0	i) Basantpur ii) Sultanpur
2.	Class III	1887	32.5	i) Basantpur ii) Kandgola iii) Kasarsirsi iv) Sultanpur
3.	Class IV	271	4.7	i) Kasarsirsi ii) Wadgaon
4.	Class VII	387	6.7	i) Ladha
5.	Miscellaneous	121	2.1	
Total		5795	100.0	

6. Specific problematic area

a. Moderate erosion above 3% slope on moderately deep to deeper soils	- *	523	hectares
b. Moderate to severe stoniness	- *	404	"
c. Shallowness	- *	535	"
d. Rock out crop	- *	13	"
		1475	"

\* An area of 373 hectares is having more than one problem accounted only once in the grand total but more than once in problematic areas.