

Report on detailed soil survey of Ramnala and Satwainala subwatersheds of Nagarjunsagar catchment in Barsi and Osmanabad talukas of Sholapur & Osmanabad districts, Maharashtra.

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Combined Abstract for Ramnala and Satwainala subwatersheds.

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1. Survey area: Ramnala and Satwainala subwatersheds of Nagarjunsagar catchment in Maharashtra
2. Total area mapped and reported: 6509 hectares
3. Period of work : November to January 1977-78
4. Soil series mapped and area in hectares under each:

<u>Sl.No.</u>	<u>Soil series name</u>	<u>Area in hect.</u>	<u>Percentage</u>
1.	CHINCHOLI	1717	26.4
2.	PANGRI	1296	19.9
3.	RAMLING	113	1.7
4.	TAMBOLA	128	2.0
5.	WADGAON	3110	47.8
6.	YELNUR	110	1.7
7.	Miscellaneous	<u>35</u>	<u>0.5</u>
		6509	100.0

5. Distribution of area under different land capability classes

<u>Land capability class</u>	<u>Area (hect.)</u>	<u>Percentage</u>	<u>Soil series</u>
Class II	276	4.2	i) Ramling ii) Tambola iii) Yelnur
Class III	1371	21.1	i) Pangri ii) Ramling iii) Tambola iv) Yelnur
Class IV	1651	25.4	i) Chincholi ii) Wadgaon
Class VI	1922	29.5	i) Chincholi ii) Wadgaon
Class VII	1254	19.3	i) Wadgaon

- 6) Specific problematic areas:

- a. Moderate erosion on slopes over 5% - 550 hectares
 - b. Severe erosion - 5284 "
- 5834 hectares.

