

Report on detailed soil survey of Ng1d, Ng1e and Ng1f subwatersheds of Nizamsagar catchment in Zaheerabad taluka, Medak district, A.P.

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Combined Abstract

1. Survey area : Ng1d, Ng1e and Ng1f subwatersheds of Nizamsagar catchment in Zaheerabad taluk, Medak district, Andhra Pradesh.
2. Total area mapped and reported: 10,747 hectares.
3. Period of work : November 1976 to May 1977
4. Soil series mapped and area in hectares covered under each

<u>Sl.No.</u>	<u>Soil Series name</u>	<u>Area in hect.</u>	<u>Percentage</u>
1.	Doulatabad	238	2.2
2.	Gangapur	188	1.7
3.	Jamgi khurd	414	3.9
4.	Kollur	1980	18.4
5.	Mandapur	1316	12.3
6.	Pipalpalli	1581	14.7
7.	Raikod	4024	37.5
8.	Tekur	126	1.2
9.	Vanampalli	533	4.9
10.	Miscellaneous	347	3.2
		<u>10747</u>	<u>100.0</u>

5. Distribution of area under different land capability classes

<u>Land capability class</u>	<u>Area in hect.</u>	<u>Percentage</u>	<u>Soil series</u>
II	5879	56.5	1) Doulatabad 2) Gangapur 3) Jamgikhurd 4) Pipalpalli 5) Raikod
III	2506	24.1	1) Doulatabad 2) Kollur 3) Pipalpalli 4) Raikod 5) Gangapur
IV	1714	16.5	1) Doulatabad 2) Mandapur 3) Tekur 4) Vanampalli 5) Pipalpalli
VI	129	1.2	1) Doulatabad 2) Mandapur 3) Vanampalli
VII	172	1.6	1) Tekur 2) Vanampalli
	<u>10400</u>	<u>100.0</u>	

6. Specific problematic areas

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|---------------------------------------|---|---------------|
| a. Moderate erosion on slopes over 3% | - | 1884 hectares |
| b. Severe erosion | - | 50 " |
| c. Gullied land | - | Nil |