

Report on detailed soil survey of Nagura stream catchment comprising Ah3d7, Ah3d7a and Ah3d8 subwatersheds under Nagarjunsagar catchment, in Chitapur & Gulbarga talukas, Gulbarga district, Karnataka State.

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Combined Abstract

1. Survey area : Ah3d7, Ah3d7a, and Ah3d8 subwatersheds of Nagarjunsagar catchment, in Chitapur and Gulbarga talukas, Gulbarga district, Karnataka State.
2. Total area mapped and reported: 6622 hectares.
3. Period of work : March 1979 to July 1979
4. Soil series mapped and area in hectares covered under each

<u>Sl.No.</u>	<u>Soil series name</u>	<u>Area in hectares</u>	<u>Percentage</u>
1.	Ashta	1331	20.1
2.	Basantpur	2113	32.0
3.	Chinkod	473	7.1
4.	Gadgi	1853	28.0
5.	Nagura	737	11.1
6.	Miscellaneous	115	1.7
		6622	100.0

5. Distribution of area under different land capability classes

<u>Land capability</u>	<u>Area in hectare</u>	<u>Percentage</u>	<u>Soil series</u>
Class II	2071	31.3	i) Basantpur
	318	4.8	ii) Chinkod
	660	10.0	iii) Nagura
Class III	42	0.6	i) Basantpur
	155	2.3	ii) Chinkod
	1853	28.0	iii) Gadgi
	77	1.2	iv) Nagura
Class IV	900	13.6	i) Ashta
Class VI	119	1.8	i) Ashta
Class VII	312	4.7	i) Ashta
	6507	98.3	

6. Specific problematic area:

a. Moderate erosion on above 3% slope on moderately deep to very deep soils	- 1781 hectares
b. Moderate stoniness	- 842 "
c. Shallowness	- 1331 "
	3954

\* Total problematic area - 3216 hectares.

An area of 738 hectares has been accounted more than once.

