

Report on detailed soil survey of Ah2a8b and Ah2b6 subwatersheds of Nagarjunsagar catchment in Shahapur and Jevargi taluks, Gulbarga district, Karnataka State.

--- --

Abstract for Ah2b6 subwatershed

1. Survey area : Ah2b6 subwatershed in Nagarjunsagar catchment in Karnataka State.
2. Total area surveyed & reported : 2153 hectares
3. Period of survey : May to June 1979
4. Soil series mapped and area in hectares under each

<u>Sl.No.</u>	<u>Soil series name</u>	<u>Area in hectares</u>	<u>Percentage</u>
1.	Koduchi series	497	23.1
2.	Kadiyapur series	143	6.6
3.	Madgi series	1123	52.2
4.	Somanathahalli	296	13.7
5.	Miscellaneous land use	<u>94</u>	<u>4.4</u>
		2153	100.0

5. Distribution of area under land capability classes

<u>Land capability classes</u>	<u>Area in hect.</u>	<u>Percentage</u>	<u>Soil series</u>
IIes-1	432	21.0	i) Koduchi ii) Somanathahalli
IIes-2	23	1.1	i) Somanathahalli
IIIes-1	338	16.4	i) Koduchi
IVes-1	56	2.7	i) Kadiyapur
IVes-2	87	4.2	i) Kadiyapur
VIes-1	187	9.1	i) Madgi
VIes-2	806	39.2	i) Madgi
VIIes-3	130	6.3	i) Madgi
	<u>2059</u>	<u>100.0</u>	

6. Specific problematic areas:

- a) Moderate erosion on 3-5% slope - 425 hectares
- b) Severe erosion on 3-5% slope - 806 hectares
- c) Severe erosion on 5-10% slope - 130 hectares

Total - 1361 hectares