

Report on detailed soil survey of Ah2g1, Ah2g2, Ah2g3, Ah2g4, Ah2h1 and Ah2h2 subwatersheds of Nagarjunsagar catchment in Chitapur taluk, Gulbarga district, Karnataka State.

Combined abstract for all subwatersheds

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1. Survey area : Ah2g1, Ah2g2, Ah2g3, Ah2g4, Ah2h1 and Ah2h2 subwatersheds of Nagarjunsagar catchment in Chitapur taluk, Gulbarga dist. Karnataka State.

2. Total area mapped and reported: 11,452 hectares

3. Period of work : November 1979 to July 1980

4. Soil series mapped and the area in hectares under each

Sl. No. Soil series name Area in hectare Percentage

1.	Halkatta	286	2.5
2.	Kadaboore	1572	13.7
3.	Konchur	124	1.1
4.	Ladlapur	1201	10.5
5.	Wadi	7841	68.5
6.	Miscellaneous	428	3.7
		<u>11,452</u>	<u>100.00</u>

5. Land capability classification:

Sl. No. Land capability classes Area in hectare Percentage Soil series

1.	Class II	8464	73.9	i) Kadaboore ii) Konchur iii) Wadi
2.	Class III	2274	19.9	i) Kadaboore ii) Konchur iii) Ladlapur
3.	Class IV	<u>286</u>	<u>2.5</u>	i) Halkatta
		11,024	96.3	

6. Specific problematic areas:

a.	Moderate erosion on above 3% slope on moderately deep to very deep soils	- 2006	hectare
b.	Severe erosion	- 63	"
c.	Moderate to severe stoniness	- 125	"
d.	Shallowness	- <u>286</u>	"
	Total problematic area - 2292		2400