

ABSTRACT

1. Survey area : Ac2f subwatershed of Nagarjunasagar catchment, Achempet taluk, Mahboobnagar district, Andhra Pradesh.

2. (a) Type of Survey : Detailed

(b) Total area and reported	ed : 2404 ha	Cultivated area	944 ha
		Forests	1340 ha
		Rock outcrops	25 ha
		Miscellaneous	95 ha

3. Period of work : December, 1977 - January, 1978

4. Soil series mapped and their area distribution

<u>Soil series</u>	<u>Area in ha</u>	<u>Percent</u>
1. Akwaram	107	5
2. Chennampalli	1117	46
3. Denda	73	3
4. Ghanpur	60	2
5. Ghanpur-Tenda	513	21
6. Gunthamgudda	46	2
7. Hundavagu	86	4
8. Musladani	143	6
9. Pedra	15	1
10. Tenda	71	3
11. Venkeswaram	53	2
12. Rock out-crops (ROC)	25	1
13. Miscellaneous	95	4

	2404	100

5. Land capability classes :

<u>Description</u>	<u>Class</u>	<u>Area ha</u>	<u>% of total cultivated area</u>	<u>Series covered</u>
Good cultivated lands	II	175	19	Akwaram, Ghanpur & Venkeswaram
Moderately good cultivable lands	III	115	12	Denda, Ghanpur Hundavagu & Pedra
Fairly good land having some limitations	IV	459	47	Denda, Ghanpur-Tenda, Hundavagu & Tenda
Well suited for grazing or forestry	VI	179	20	Ghanpur-Tenda, Hundavagu
Not arable, suited for forestry	VII	16	2	Chennampalli
Forests	-	1340	-	Chennampalli, Gunthamgudda Musladani
Miscellaneous, like rockout crops etc.	-	120	-	-

2404
