

ABSTRACT

1. Survey area : Pc4d and Pc4e subwatersheds of Pochampad Catchment, Tahsil : Nanded and Bhokar, Dist- Nanded (M.S.)

2(a) Total area reported and mapped : 11,444 ha.

(b) Period of survey : 1.5.76 to 20.6.76 and 25.11.76 to 19.3.77.

3. Soil series mapped and area covered by each (ha.)

<u>Soil Series &amp; symbol</u>	<u>Area (ha)</u>	<u>% of total under series</u>
1. Chincholi (CH)	1213	11.1
2. Daregaon (D)	1948	17.9
3. Hunda (H)	1399	12.8
4. Karla (K)	79	0.7
5. Malkaotha (M)	1910	17.5
6. Martala (MR)	609	5.6
7. Mahati (MT)	1667	15.3
8. Pimpalkaotha (P)	389	3.5
9. Pangargaon (PN)	1637	15.0
10. Rahegaon (R)	64	0.6

Total : 10,915

Area under village situation, road, rail etc. - 127

Area under submergence, river & nala - 402

Grand total : 11,444

4. Land capability classification :

<u>Capability class</u>	<u>Area (ha)</u>	<u>Percentage</u>	<u>Soil Serie</u>
IIes	1106	10.1	Chincholi, Hunda Malkaotha, Marta
IIIes	2898	26.5	Chincholi, Hunda Malkaotha, Marta
IVe	36	0.34	Rahegaon
IVes	4215	33.77	Daregaon, Karla, Pangargaon, Pimp tha.
VIe	28	0.29	Rahegaon
VIes	413	3.7	Daregaon
VIIes	2219	20.3	Daregaon, Mahati
Total :		10915	

Specific problems :

<u>Nature of the problem</u>	<u>Problem area (ha.)</u>	<u>Associated soils</u>
(a) Moderate erosion	4062	Chincholi, Daregaon Hunda, Malkaotha, Martala, Pimpalkao Pangargaon
(b) Severe erosion	6825	All the soil serie
(c) Very severe erosion	28	Rahegaon
Total :		10915