

Report on Detailed Soil Survey and Land Use of Pc3d, Pc3e and Pc3f  
Sub-watersheds, Pochampad Catchment, Tah.-Bhokar and Biloli, District-  
Nanded (Maharashtra).

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ABSTRACT

1. Survey area : Priority subwatersheds Pc3d, Pc3e and Pc3f of Pochampad Catchment, Tahsil- Bhokar and Biloli; District- Nanded (Maharashtra State ).

2(a) Total area reported and mapped : 8949 ha  
Priority: Pc3d - 4004 ha  
Pc3e - 2587 ha  
Pc3f - 2358 ha

(b) Period of survey : May and June, 1983.

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

Sr. No.	Soil Series	Total area ha (%)	Pc3d	Pc3e	Pc3f
1.	Daregaon	1762 (20.2)	755 (19.3)	675 (27.1)	332 (14.2)
2.	Dhanora	125 (1.4)	45 (1.1)	-	80 (3.4)
3.	Hunda	62 (0.7)	34 (0.9)	-	28 (1.2)
4.	Karla	1055 (12.1)	410 (10.5)	395 (15.9)	250 (10.7)
5.	Mahati	1748 (20.0)	702 (18.0)	596 (23.9)	450 (19.3)
6.	Malkaotha	1380 (15.8)	550 (14.1)	352 (14.1)	478 (20.5)
7.	Martala	330 (3.8)	330 (8.7)	-	-
8.	Pangargaon	1736 (19.9)	898 (23.0)	418 (16.8)	420 (18.0)
9.	Pimpalkaotha	535 (6.1)	185 (4.7)	55 (2.2)	295 (12.7)
<b>Total :</b>		<b>8733</b>	<b>3909</b>	<b>2491</b>	<b>2333</b>
<b>% :</b>		<b>(100)</b>	<b>(100)</b>	<b>(100)</b>	<b>(100)</b>

ii) Other features  
Habitation, river, Nala  
& roads etc. 216

Grand Total : 8949

Land Capability Classification

Sr. No.	Capability Unit	Total area ha (%)	Pc3d Total area (%)	Pc3e Total area (%)	Pc3f Total area (%)	Soil Series
1.	IIes-1	1044 (12.0)	490 (12.5)	201 (8.1)	353 (15.1)	Malkaotha, Martala.
2.	IIes-2	295 (3.4)	189 (4.8)	58 (2.3)	49 (2.1)	Hunda, Malkaotha, Martala
3.	IIIes-1	753 (8.6)	303 (7.7)	265 (10.6)	185 (7.9)	Dhanora, Pangargaon
4.	IIIes-2	1428 (16.4)	685 (16.8)	208 (8.3)	535 (22.9)	Pangargaon, Pimpalkaotha
5.	IVes-1	498 (5.7)	265 (6.7)	93 (3.9)	140 (6.0)	Dhanora, Malkaotha
6.	IVes-2	3022 (34.6)	1233 (31.5)	1117 (44.8)	672 (28.8)	Daregaon, Karla, Mahati, Pimpalkaotha
7.	VIes-1	999 (11.4)	570 (14.6)	199 (8.0)	230 (9.9)	Daregaon, Mahati
8.	VIIes-1	694 (7.9)	174 (4.4)	350 (14.0)	170 (7.3)	Mahati
Total :		8733 (100)	3909 (100)	2491 (100)	2333 (100)	

Specific Problems

1.	Moderate erosion	6257 (71.6)	2752 (70.4)	1802 (72.3)	1703 (73.0)	Daregaon, Dhanora, Hunda, Karla, Malkaotha, Martala, Pangargaon, Pimpalkaotha
2.	Very severe erosion	2476 (28.4)	1157 (29.6)	689 (27.7)	630 (27.0)	Daregaon, Dhanora, Malkaotha, Mahati, Pimpalkaotha.
		8733 (100)	3909 (100)	2491 (100)	2333 (100)	