

**REPORT ON DETAILED SOIL SURVEY AND LAND USE OF
Pv3a, Pv3b, Pv3d, Pv3f, Pv3g and Pv3h SUBWATERSHEDS,
POCHAMPAD CATCHMENT, TAHSIL : JAFRABAD and
BHOKARDHAN, DISTRICT : JALNA, MAHARASHTRA**

A B S T R A C T

1. (a) **Surveyed Area** : Subwatershds Pv3a, Pv3b, Pv3d, Pv3f, Pv3g and Pv3h, Pochampad catchment, Tahsil : Jafrabad and Bhokardhan District : Jalna, Maharashtra.
- b) **Total of Survey** : Detailed Soil Survey.
2. a) **Total Area reported and mapped** : 17,998 ha.
- b) **Period of Survey** : Nov-97 to June - 98.
3. (i) **Soil Series Mapped and their Extent (ha) :**

| Sr. No. | Name of Soil Series | Total Area in ha. | % |
|---------|---------------------|-------------------|------|
| 1 | 2 | 3 | 4 |
| 1. | Ambegaon | 652 | 3.6 |
| 2. | Dongaon | 6264 | 34.8 |
| 3. | Davargaon | 1007 | 5.6 |
| 4. | Godhankheda | 266 | 1.5 |
| 5. | Javkheda | 69 | 0.4 |
| 6. | Khamkheda | 1751 | 9.7 |
| 7. | Khaparkheda | 1657 | 9.2 |
| 8. | Mahura | 56 | 0.3 |
| 9. | Malegaon | 1921 | 10.7 |
| 10. | Masrul | 570 | 3.2 |
| 11. | Tembhumi | 227 | 1.3 |

| 1 | 2 | 3 | 4 |
|-----|------------------------------------------------------------------------|-------------------|-------------|
| 12. | Tapovan | 2618 | 14.5 |
| | Total | 17058 | 94.8 |
| ii) | Other features including habitation habitations River, Nala, Road etc. | 940 ha. | 5.2 |
| | Grand Total. | 17,798 ha. | 100 |

4. Land Capability Classes :

| Capability Class | Total Area in ha. % | Soil Series |
|---------------------------|-------------------------|---------------------------------------------------------|
| 1 | 2 | 3 |
| II | 3924 (21.8) | Ambegaon, Khaparkheda, Malegaon, Masrul |
| III | 1590 (8.9) | Ambegaon, Khaparkheda, Malegaon, Godhankheda, Davargaon |
| IV | 8795 (48.9) | Khaparkheda, Dongaon, Khamkheda, Javkheda, Tembhum |
| VI | 2693 (14.9) | Tapovan |
| VII | 56 (0.3) | Mahura |
| Total | 17058 (94.8) | |
| Miscellaneous Area | 940 (5.2) | |
| Grand Total | 17998 | |