

REPORT ON THE DETAILED SOIL SURVEY AND LANDUSE OF Aa6d, Aa6f, Aa6g and Aa7c subwatersheds of Nadarinasadar catchment, taluk Atmakur, distt. Kurnool, Andhra Pradesh

ABSTRACT

01. Survey area : Nadarinasadar catchment taluk Atmakur district Kurnool, Andhra Pradesh Aa6d, Aa6f, Aa6g and Aa7c subwatersheds
02. Type of survey : Detailed soil survey
03. Period of survey : October 1988 to March 1989
04. Total area : 17426 ha

| Subwatershed code | Net area | Misc area | Total |
|-------------------|----------|-----------|-------|
| Aa6d              | 6608     | 59        | 6667  |
| Aa6f              | 1563     | 1604      | 3167  |
| Aa6g              | 4144     | 21        | 4165  |
| Aa7c              | 3202     | 225       | 3427  |
| Total             | 15517    | 1909      | 17426 |

05. Soil series mapped and their extent

| Name of the soil series (Symbol) | Area under different subwatersheds |                |                |                | Total          |
|----------------------------------|------------------------------------|----------------|----------------|----------------|----------------|
|                                  | Aa6d                               | Aa6f           | Aa6g           | Aa7c           |                |
| Bhavaipuram (B)                  | 498<br>(9.2)                       | -              | 742<br>(17.9)  | 712<br>(22.2)  | 1952<br>(13.6) |
| Kadmuru (K)                      | 2306<br>(42.6)                     | -              | 2450<br>(59.1) | 1276<br>(39.9) | 6032<br>(42.1) |
| Lingapuram (LP)                  | 1411<br>(26.1)                     | 357<br>(22.8)  | 509<br>(12.3)  | 1028<br>(32.1) | 3305<br>(23.1) |
| Nagaluti (N)                     | 308<br>(5.7)                       | -              | 425<br>(10.3)  | 186<br>(5.8)   | 919<br>(6.4)   |
| Sivapuram (SP)                   | 409<br>(7.6)                       | -              | -              | -              | 409<br>(2.9)   |
| Utkur (U)                        | 476<br>(8.8)                       | 1206<br>(77.2) | 18<br>(0.4)    | -              | 1700<br>(11.9) |
| Forests                          | 5408<br>1200                       | 1563           | 4144           | 3202           | 14317<br>1200  |
| Grand total                      | 6608                               | 1563           | 4144           | 3202           | 15517          |

