SOIL AND LAND RESOURCE INVENTORY OF CHERUNNIYoor PANCHAYAT WAS UNDERTAKEN BY THE
SOIL SURVEY WING OF THE DEPARTMENT OF AGRICULTURE DURING OCTOBER – NOVEMBER 2004 TO ASSESS THE
RESOURCES OF THE AREA TO IDENTIFY THE PROBLEMS AND TO SUGGEST SUITABLE DEVELOPMENT PROGRAMMES
FOR SUSTAINED AND INTEGRATED DEVELOPMENT OF THE AREA.

Cherunniyoor panchayat is located on the southern part of Chirayinkil taluk in
Thiruvananthapuram district and extends over 1087 ha. The panchayat lies in lowland and
midland region. The major crops in the panchayat are coconut, tapioca, banana, paddy and
vegetables. During the course of soil survey, seven soil series were identified viz; Varkala,
Thonnakkal, Pangappara, Cherunniyoor, Amaravila, Korani and Chirayinkil. Varkala series
extends over the major area.

The soils of Cherunniyoor panchayat are classified into three land capability classes and
four land irrigability classes. The predominant land capability class is IVes and land irrigability
class is 5st. Interpretative studies include crop suitability, production potential and hydrologic
grouping. Various interpretative maps viz; soil, land capability and irrigability map, soil
conservation priority map, proposed land use map, fertility map etc. are appended.