This report deals with the soil and land resources of Mudadi panchayat of Quilandy taluk of Kozhikode district. The report gives a detailed account of the general characteristics of the panchayat viz., area, soils, major problems and management requirements, interpretations and recommendations for various uses.

The panchayat covers an area of 1602 ha. The garden land occupies an area of 1122ha with coconut as the major crop. Coconut, Banana, vegetables, pepper and tapioca are the other garden land crops. Wetland covers an area of 381.8 ha, of which paddy is cultivated.

A detailed soil survey of Mudadi panchayat in Quilandy taluk of Kozhikode district was undertaken during August 1995 to collect soil and land use information of the area. Twelve soil series were identified and mapped during the course of soil survey, viz. Beypore, Chaliyar, Chelapram, Elathur, Kakkodi, Kalarikunnu, Kizhakumuri, Kunnamanglam, Mudadi, Tanneramala, Thikkodi and Ulleyeri series. Based on the characteristics of the soils, land capability classes such as II, III, IV, VI & VII and land irrigability classes viz. 2, 3, 4, 5 & 6 were recognised. IIIe is the predominant land capability subclass and 3t the land irrigability subclass. Other interpretative studies like hydrologic grouping, crop suitability, soil fertility and production potential of the soils were made. The main problems encountered in the panchayat are dealt with briefly. Interpretative maps are also appended.