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

Muliyar panchayat with an area of 3432 ha is located in the north eastern region of Kasargod taluk in Kasargod district. The garden land covers about 748.03 ha. The wet land covers an area of 66.97 ha. 572 ha is under reserve forest. Major crop cultivated is arecanut. Coconut is well suited on the garden land soils except certain portion of the panchayat when the slopes are a little above 15% and low ground water table. Tapioca and Banana can be given as inter crop in between coconut palms.

During the detailed soil survey nine soil series are identified in Muliyar panchayat viz., Arathil, Meeyanganam, Kidur, Edanad, Kolathur, Perumbale, Nekraje, Thekkila and Muttathy series. Eight land capability subclasses and ten land irrigability sub classes have been identified in the panchayat. The predominant capability class is IVe and irrigability class is 5t.

Studies reveal that the yields of crops in both wet and garden lands are low due to unscientific crops and soil management practices. There is ample scope to increase the yield economically if the farmers are advised to adopt certain simple management practices like addition of organic matter, providing irrigation, adoption of soil conservation and plant protection measures, liming, correction of nutrient deficiencies etc., to overcome the limitations posed by the soils in the area.