



**Morphological, Nutritional and Mineralogical Status of Soil Samples  
Collected From Tembha Site, Shahada Tehsil, Nandurbar District**

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**ABSTRACT**

*Soil samples were collected from Tembha (A) site of Shahada Tehsil of Nandurbar District, Maharashtra, India. For this study five samples from Tembha site was collected and analyzed for physico- chemical parameters such as pH, Organic carbon O.C., electrical conductivity EC, Exchangeable cation such as calcium, magnesium, sodium and anions chloride and sulphate, Sodium absorption ratio SAR, exchangeable sodium percentage. The constitution of soil morphological study includes the color, texture, consistency, depth and structure. The results of total and available N, P and K total Fe, Mn, Cu and Zn contents in the soils were reported as a part of nutritional status of the soil. Mineralogical identification of powder soil samples were carried out by using powder X-ray Diffraction (XRD) technique. The XRD results revealed the presence of various minerals. SEM/EDS analysis of soil sample also carried out.*

**Keywords:** Morphology, Nutritional, XRD, SEM.

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