

## EVALUATION OF AVAILABLE MICRONUTRIENTS (Fe & Cu) STATUS IN BLACK SOILS OF BAMBHANIDIH BLOCK IN DISTRICT JANJGIR-CHAMPA OF CHHATTISGARH

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**Abstract:** A Study was undertaken to evaluate the micronutrients status of Bambhanidih block in Janjgir- Champa district, Chhattisgarh covering 32 villages during 2011-2012. The systematic collection of samples was carried out in geo-referenced surface (0-0.15m) soils samples from 575 sites representing *Alfisols* and *Vertisols* using Global Positioning System. The samples were analyzed for DTPA-extractable iron and copper content. The statistical description of soil characteristics indicated the available Cu and Fe content ranged from 0.2 to 12 and 4.1 to 57.1 mg kg<sup>-1</sup> with mean 1.7 and 23.1 respectively. The available copper and iron content showed high level in soils of Bambhanidih block

**Keywords:** Micronutrients, Iron, Copper, *Alfisols*, *Vertisols*

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