

Absorption coefficient for soil samples in Baghpat by Gamma Radiation

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Abstract:

The variation of linear and mass attenuation coefficient soil samples having chemical and physical properties containing microelements has been investigated, using gamma radiation method. For this work, soil samples were collected from different regions of Baghpat district (U.P.) and photon attenuation coefficient of soils were determined by performing experiment of gamma radiation on soil samples. The experimental values are in good agreement.

Keywords: Baghpat¹; gamma²; loam³; multichannel analyzer⁴; absorption⁵; porosity⁶.

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