

Cathodoluminescence and Potassium distribution in Ordinary Chondrites

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Cathodoluminescence(CL) and potassium(K) distribution of equilibrated ordinary chondrites, Bjubole and Etter, have been investigated. In unshocked Bjubole, mesostasis with brown CL had large potassium content. In shocked Etter, maskelynite showed inhomogeneous CL emission. Its intensity inversely correlated to K content.