

On secondary element fractionation in the metal from Norton County aubrite

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The influence of a secondary element fractionation on the Fe,Ni- phase composition of enstatite achondrites is considered on the basis of trace element concentrations in the nodules and fine-grained metal from Norton County aubrite. It is shown that the primary metal composition of Norton County has been greatly changed by secondary processes on the aubrite parent body such as thermal metamorphism and partial melting of an initial metal.

Key words: Norton County aubrite, Fe,Ni-phase, element fractionation, secondary processes

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