

Petrography and composition of fine-grained rims in the Murchison CM2 meteorite

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The CM2 carbonaceous chondrites contain numerous chondrules, silicate grains, CAI, etc, which are mantled by rims of fine-grained material. These rims often consist of two or more layers that can be distinguished on textures and compositions. I have carried out detailed SEM, EDS studies of a number of rim sequences in Murchison meteorite.