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## ALTERATION IN MAMUT ADAMELLITE

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The Mamut adamellite stock consists of four successive concentric zones, each characterized by distinct mineralogy. The zonation, from the core towards the periphery of the stock begins with a hornblende zone which grades into the tremolite, the biotite, and finally the chlorite zone. The zonation trend is probably due to Fe metasomatism which caused the replacement of earlier-formed minerals by later-formed Fe-rich minerals. This trend is also indicated by a depletion of Fe-bearing daughter minerals in the primary fluid inclusions from the core towards the periphery of the stock.