

enes have not transformed to a denser phase [Ahrens *et al.*, 1969] gives the densities 3.70 (W1) and 3.66 (F) g/cm³, which are also compatible, but this alternative seems less attractive in view of the enstatite and bronzitite results. It is also possible that the augite transformed to the ilmenite structure, giving densities ~ 3.85 g/cm³, which are rather high.

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