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Wollastonite- anorthite- gehlenite-, and fassaite-bearing rocks: Igneous petrological oddity or paralavas?

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ABSTRACT

We briefly review the petrological and geochemical features, and physical characteristics, of the Colle Fabbri and Ricetto rocks to discuss their possible paramagmatic origin, i.e., derived from complete melting, after devolatilization, of marly protoliths, without any orthomagmatic, ultimately mantle-derived, chemical or thermal input. Contrary to the various comments that have been made, the overall mineralogical, petrological, and geochemical data provided in the literature well agree with this finding.