An occurrence of staurolite in the Llano uplift, central Texas

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ABSTRACT

Staurolite, not previously reported from the Precambrian metamorphic rocks of the Llano uplift of central Texas, occurs as inclusions in a spessartine-rich garnet from a biotite gneiss in the Rough Ridge Formation of the Packsaddle Group. The initial crystallization of staurolite and its subsequent elimination from the quartzose micaceous matrix surrounding the garnet may require a more complex metamorphic history than has so far been documented for these rocks.