

**Metakomatiites from the Archean Barbacena Greenstone Belt  
(Southernmost São Francisco Craton, Brazil).**

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Spinifex-textured komatiitic flows occur in three main localities in this greenstone belt (BGB), between the towns of São João del Rei (east) and Lavras (west), in southern Minas Gerais State. These, are found at the farms of Córrego do Pau Branco (CPB), Chapadinha (CH) and Peroba (PE). The BGB is represented by two ENE-WSW-trending long major “belts” hosted at their western halves in large intrusive granitoid masses; or intervened by more Transamazonian plutons of granitoids, gabbros and diorites, at their easternmost portions. Rock successions (perhaps stratigraphies, too) are similar in both belts, in which also, metapelites and Mn, Fe and carbonaceous metacherts increase, whereas banded amphibolites are less common, toward their eastern sectors; these, being highly abundant at the western sector of the northern belt. Apart from the poorly-exposed PE occurrence of the northern belt, the rest of the metakomatiites (flows and sill-like bodies) is found in the southern belt, which hosts the CPB and CH occurrences. These consist of two (CPB) and three (CH) successively emplaced flow units, each one (10 to 12m thick) layered and differentiated, and with a flow-top breccia or a zone of polyhedral jointing through a plate-spinifex-textured layer to a basal and serpentinized massive layer. Not unusually, low amphibolite facies mineral relics are seen within the dominant greenschist facies mineral assemblages of these flows and related intrusions.