

## THE NORTHWESTERN ARGENTINE BASEMENT (THE PUNCOVISCANA MOBILE BELT)

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The Puncoviscana Formation is the oldest stratigraphic unit of the Cordillera Oriental Argentina. It is made up of rocks of sedimentary and basic volcanic facies, associated with very low grade metamorphism. The Geological evolution of the puncoviscana trough was developed during the upper precambrian, linked with proterozoic terranes of western margin of South America Central Andes.

In this paper we carry out a review and synthesis of precambrian basement of northwestern of Argentina. Sedimentological, igneous, geochronological and tectonic aspects are analysed, and from them, a geodynamic model is elaborated according to mobile belt scheme. Its evolution during the Brazilian Cycle is postulated, amidst and inactive continental margin. Likewise, the possible relation between the Puncoviscana Mobile Belt and the Central South American Cratonic area is established.