

## **MOZAMBIQUE GEOLOGY IN 1894 AND IN 1929 - TWO GIANT STEPS AHEAD, THE SAME PERCEPTION**

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Esboço geológico da Província de Moçambique (Geological sketch of Mozambique) was published in 1929 by C. B. Freire de Andrade - a mining engineering and a geologist who had graduated in London - as a compilation of data on the geology and on the mineral resources of that Portuguese colony.

The book is a successful attempt of correlation of the scarce data from Mozambique - some of them obtained by such would-be reputed authors like Arthur Holmes - to data from the neighbouring countries recorded by A. Du Toit, W. Bronhardt, etc.

Andrade compiled data namely from his father's geologic reconnaissance field and petrographic work in Mozambique, published in 1894, relative to a large area from the Zambezi river to the extreme south of the territory. Contrary to his father, also a mining engineer graduated in the École des Mines, Paris, - who had collaboration with Nery Delgado, a reputed Portuguese geologist - he never worked in Mozambique.

The authors (who show influences of the respective schools) were aware of the most modern concepts at the time and therefore the books reflect the importance that the intervening years had for the progress of geology. Examples relative to petrology, metamorphism, stratigraphy, etc. are given to illustrate this.

Both authors had the same perception of the role of geology in Mozambique: it would serve the advancement of the scientific knowledge of the territory and as a basis of economic development, through the study and discovery of its mineral resources.