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**PALEOMAGNETISM OF METAMORPHIC ROCKS FROM THE  
PIQUETE REGION - RIBEIRA VALLEY , SOUTHEASTERN BRAZIL**

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Paleomagnetic data are presented corresponding to 42 hand samples of metamorphic rocks exposed in the Piquete region (Ribeira Valley, Southeastern Brazil - 22°35'S, 45°15'W). K-Ar age determinations suggest a Late Cambrian - Early Ordovician age for the cooling phase of these metamorphic rocks. After paleomagnetic treatment, a reversed direction in 20 samples from 9 sites was isolated ( $D_m = 60.4$ ,  $I_m = 68.0$ ,  $\alpha_{95} = 6.8$ ) which yielded a paleomagnetic pole at Lat. = 0.8°N, Long. = 346.5°E ( $\alpha_{95} = 10.2$ ). Most of the remaining samples present unstable remanence. It is shown that this reversed direction may be representative of the cooling phase of these metamorphic rocks.

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