LARGE SCALE MAGMATIC BANDING IN MESOZOIC BASIC SILL OF THE PARANÁ BASIN, CAMPINAS, SÃO PAULO STATE, BRAZIL

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The recognition of layered primary structures in basic intrusions helps not only to understand magnatic processes within magna chambers but also to evaluate their metallogenic potential. Here, we briefly describe an occurrence of large scale magnatic banding in a basic still of the Basalto Quarry (former Perlaits) at inflormers 25 of the Campinas - Monte Mor motorway. As far as we are concerned, this is the the first occurrence of inequivocal magnatic banding in basic intrusions of the Pararia continental flood basid province.

magnitude behavioring in their measuration of the r^2 state of both states of protocological pulses interleaved with dominantly middle to the sprinted dishear to bank (\mathbb{F}_{k}^{-1}). Five sale notes a man at the lower ground correct, The permutic gabbro is lighter in colour \mathbb{F}_{k}^{-1} that the dishear (s feature enhanced on weakly weathered concept) and consists of laterally disconsists understarrange from a few continents to 6 meters think (mostle) in the range 15 to 2.0 meters had several tent of meters in length. From the hanging-well conton with Palestonic orientes to the query's deeper level (a. 60 m), the lenses thickens internate and them shape becomes more irregular. The contact between expansiting gabbro and bank-dealness in them pass to the orient of the contract between the protocological proposal color, the class of the contract between the protocological proposal color, the contract between plantistic gabbro and bank-dealness in them to not cellidal margin of one rock electronic color of the contract between the contract between the color of the contract between the color of the contract between the color of the color of

Whole-rock chemistry clearly indicates that the pegmatric gabbroic leases are goodsemically more evolved than the associated basals diabase (e.g. 46.0-5.18 % MgO, 394.34) % TiO2, 037.429 % P2O3, 222-255 ppm Z-7, 229 ppm Nbi are the former as opposite of 879.531; MgO, 274.259 % TiO2, 034.035 % P2O3, 167-182 ppm Z-7, 18 ppm Nbi are battere). As yet, the available mineral chemical data do not indicate any significant compositional variation between similar minerals of the two dominant rock types.

Canformable or use conformable pagasatis; phyto does are not successmen in layered smit intrations and flows (e.g. Lamos & Foods 1979; Highest and 1970; show part gar gearning hopping to hew crystalline from surgeaged liquids nejected annotation of silential furcture formed in atomplicably solidified ricks. Whether this region of the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places on the conformation of mineral might have stated places of the conformation of mineral might have stated places of the conformation of mineral might have stated places of the conformation of mineral might have stated places of the conformation of mineral might have stated places of the conformation of mineral might have stated places of the conformation of mineral mi

References LARSEN, R.B., BROOKS, C.K. (1994) Origin and evolution of gabbroic pegmatites in the Skaergaard intrusion. East Greenland. Journal of Petrology, 35: 1651-1679.

PHILPOTTS, A.R., CARROLL, M., HILL, J.M. (1996) Crystal-mush compaction and the origin of pegmatitic segregation sheets in a thick flood-basalt flow in the Mesozoic Hartford basin, Connecticut. Journal of Petrology. 37: 811-836.

