

Western Province: 40  $\pm$  8 mW/m  $^{2}$ Western margin: 50  $\pm$  10 mW/m  $^{\text{a}}$ 

- extended crust -> if identical crustal heat production, heat flow should be less than on craton!
- -> radiogenic elements in sediments?
- -> or higher mantle heat flow?

- Interpretations should be made in the frame of the geological framework, as well as the particular transitional situation of continental margins

## • Numerical simulations of mantle convection with continental roots to be performed

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