



Institute of Petrology and Structural Geology
Faculty of Science, Charles University in Prague

Statement of supervisor to the submitted PhD thesis:

“Localization of deformation in rocks with existing anisotropy: consequences for geodynamic interpretations”

Author: Mgr. Zita Bukovská

The submitted PhD thesis was developed under my supervision between years 2011 and 2015. During this time, the candidate Mgr. Zita Bukovská has mastered many fine sub-disciplines of structural geology and metamorphic petrology. In her thesis, I especially value the wide range of scales on which the work has been performed and the multidisciplinary approach. The thesis and the expertise of the candidate benefited from two Erasmus stays: 1) during her master programme at the University of Tromsø in collaboration with Prof. Stünitz and 2) during her PhD programme at GFZ in Potsdam in Collaboration with Dr. Morales and Dr. Wirth. The possibility to use the up-to-date laboratory equipment at the GFZ Potsdam resulted in compilation of one of the publications included in the submitted thesis and accepted for publication in Contributions to Mineralogy and Petrology. During her studies, the candidate attended number of specialized short courses and presented the thesis results at international conferences, which allowed her to establish valuable connections for the future career. From the point of supervisor, I have to say that Zita is a hard working person capable of digging out the results from anything that she does and will do in the future. To be also a bit critical I think that she could have been pulling out more questions to stimulate our discussions and look underneath things that are considered as standards. On the other hand, this is also a matter of professional development, which takes time.

In a conclusion, I recommend the thesis to be defended.

In Prague 21.9. 2015

RNDr. Petr Jeřábek, Ph.D.