

Reference letter for a PhD candidate: Mgr. Radim Jedlička,

Prague, August 31, 2017

After successful defence of bachelor and diploma thesis that were supervised by me, R. Jedlička has continued his PhD research on similar topic of high-grade rocks of the Bohemian Massif. During his diploma work he got fundamental knowledge in microscopy and textural relations among minerals that are essential for petrological research. After a short time assistance, I could leave him to teach microscopy course for bachelor degree students. In mean time he has received good expertise in analytical method of electron microscopy and microprobe, where he had partial job during his PhD study. Radim has got basics in thermodynamic modelling and major and trace element distribution and their behaviour in metamorphic minerals, mainly in garnet. Another factor for his successful PhD research was his patience to revise the text of manuscript several times and accept critiques and comments before submitting to journal. This has guaranteed publications of his papers in high rank journals and acceptance of the manuscript after one round review. Radim is well motivated, hardworking, and independent. Submitting PhD thesis in less than four years is not a simple task in Geology. The quality of his results is demonstrated by the fact that two of his papers as first author were published in Journal of Petrology and Lithos. He is second author in two other papers, published in Lithos and Gondwana Research, and as fourth author in Lithos. All these publications were completed during three and half year period. I usually appreciated his responsible approach to the problem and that he was always accessible when it was needed. In conclusion, I recommend R. Jedlička's thesis be accepted for defence.



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