

## ***Interactive comment on “Automated mineralogy based on energy dispersive X-ray fluorescence microscopy ( $\mu$ -EDXRF) applied to plutonic rock thin sections in comparison to Mineral Liberation Analyser” by Wilhelm Nikonow and Dieter Rammimair***

### **Anonymous Referee #1**

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The manuscript is original and it has the potential to become a useful contribution; however, it is too long and difficult to follow, but can be easily shortened by removing the irrelevant data (and information; the authors should evaluate the meaning and need of each sentence and method applied in the manuscript). The sentences are very long and the English should be checked.

If there are some discrepancies in the minerals percent in every measurement method,

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what is the suggested method for future data measurement?

Page 3, line 32: "a polarized microscope "instead of "a polarization microscope" Page 3, line 23: This sample was measured in GXMAP mode, where the whole sample was mapped with a distance of 6  $\mu$ m. What do you mean? Figs.2 and 4: Image scale was not shown.

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