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### Sample description

The felsic granulite is a quartzofeldspathic rock with mineral assemblage garnet – kyanite – mesoperthite – quartz. The rock is banded, with irregular light parts poor in biotite alternating with several millimeter thick biotite-rich bands with preferred orientation of biotite grains. Garnet porphyroclasts reach 1-2 mm in diameter, whereas kyanite occurs as mostly elongated grains 0.5-1 mm in length. Surrounding matrix is fine-grained, consisting of quartz, perthitic K-feldspar and subordinate plagioclase. The majority of kyanite grains shows preferred orientation sub-parallel to that of the biotite banding. Biotite also forms rims on garnets. Accessory phases are zircon, rutile, apatite, graphite and ore minerals (mainly pyrite), occurring as inclusions within major rock - forming-minerals as well as in the rock matrix.

### Standard deviation of the WDX measurements

		sd 1 $\sigma$
SiO <sub>2</sub>	67.322	0.44
Al <sub>2</sub> O <sub>3</sub>	21.258	0.22
Fe <sub>2</sub> O <sub>3</sub>	0.704	0.03
CaO	2.024	0.06
Na <sub>2</sub> O	9.849	0.29
K <sub>2</sub> O	0.037	0.03