

The flake graphite prospect of Piippumäki – an example of a high-quality graphite occurrence in a retrograde metamorphic terrain in Finland

Mineralium Deposita

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Online Resource 5. The calculated peak temperature estimations based on the mean parameters obtained from the Raman measurements on graphite grains and graphite flakes in thin sections. For each sample five different spots were measured, and the calculations are made on the mean values for each sample.

Sample no. (grains)	Mean R1	Mean R2	T/°C ±50 °C (Rahl et al, 2005)
404873	0.018	0.060	679
404874	0.014	0.043	696
404879	0.023	0.080	659
PIIPPU_2015_016	0.025	0.075	665
PIIPPU_2015_020	0.006	0.075	719
PIIPPU_2015_024	0.026	0.067	674
PIIPPU_2015_039	0.007	0.021	717
Sample no. (thin sections)	Mean R1	Mean R2	T/°C ±50 °C (Rahl et al, 2005)
404804	0.263	0.383	418
404873	0.262	0.355	448
404879	0.307	0.560	245
PIIPPU_2015_016	0.265	0.365	438
PIIPPU_2015_020	0.296	0.389	424
PIIPPU_2015_024	0.350	0.623	194
PIIPPU_2015_039	0.321	0.525	288