

APPENDIX 3

**Pearson's correlation coefficients (*r*) between different cations in the Cr-spinels analysed
(calculated via Wessa, 2016)**

Unit	Rača Unit				Krynica Unit	
Formation/ sample	Beloveža Fm. Mrázovce Mb.	Zlín Fm. Makovica Ss.	alluvia SU	Malcov Fm.	Strihovce Fm.	alluvia MF
Cr vs. Ti	−0.66	−0.49	0.01	−0.72	−0.54	−0.44
Cr vs. Mg	−0.47	−0.52	−0.94	−0.49	−0.57	−0.77
Cr vs. Al	−0.73	−0.93	−0.98	−0.85	−0.97	−0.94
Cr vs. Fe ³⁺	−0.73	−0.39	−0.05	−0.77	−0.52	−0.49
Mg vs. Fe ²⁺	−1	−1	−1	−1	−1	−0.97