

## APPENDIX 7

### Chemical EMP and calculated phase composition of feldspar in host rock, clasts and unequilibrated inclusions in the Pultusk breccia

[wt.%]	H3.8 inclusions			H4/H5 host rock			Clasts H5		Clasts H6			
SiO <sub>2</sub>	48.06	55.11	64.92	64.63	64.55	65.42	64.76	65.15	63.08	64.34	63.25	64.18
TiO <sub>2</sub>	0.06	0.29	0.05	b.d.	b.d.	0.04	0.06	b.d.	b.d.	b.d.	b.d.	b.d.
Al <sub>2</sub> O <sub>3</sub>	33.01	28.03	22.30	20.98	21.70	21.36	22.07	22.20	19.61	21.29	20.07	22.40
Cr <sub>2</sub> O <sub>3</sub>	0.15	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.
FeO	0.39	0.74	0.34	0.67	0.66	0.37	0.75	0.47	0.30	0.34	1.01	0.16
MnO	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	0.03	b.d.	b.d.	b.d.
MgO	b.d.	b.d.	b.d.	0.10	b.d.	0.61	b.d.	b.d.	0.12	b.d.	0.13	b.d.
CaO	16.38	10.38	2.72	2.33	2.48	2.93	2.60	2.46	1.22	2.65	1.15	2.61
Na <sub>2</sub> O	2.43	5.70	9.76	9.82	9.49	8.39	9.26	9.67	0.75	9.68	0.44	9.90
K <sub>2</sub> O	0.06	0.18	0.72	0.82	1.23	1.34	1.18	0.89	14.37	0.70	14.65	0.68
SrO	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	0.05	b.d.	b.d.	b.d.
BaO	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.
NiO	b.d.	b.d.	b.d.	0.09	0.06	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.	b.d.
Total	100.39	100.43	100.82	99.44	100.19	100.46	100.38	100.84	99.52	99.01	100.71	99.92
Ab [mol%]	21.12	49.34	83.15	84.33	81.30	77.07	80.70	83.23	6.87	83.41	4.14	83.95
An [mol%]	78.54	49.63	12.82	11.04	11.75	14.86	12.54	11.71	6.21	12.63	5.95	12.23
Or [mol%]	0.34	1.03	4.03	4.63	6.94	8.07	6.75	5.06	86.92	3.96	89.91	3.82

b.d. – below detection limit