

Partition coefficients used in mass balance calculations, according to data from Arth (1976)				Normalization values used in mass balance calculations (Rollinson and Pease, 2021)
	(1)	(1)	(1)	
	Cpx	Pl	Mag	
Ba	0.03	0.23	-	3.85
Rb	0.03	0.07	-	0.35
Th	0.03	0.01	-	0.04
K	0.04	0.17	-	120
Nb	0.01	0.01	0.40	0.35
La	0.06	0.14	1.50	0.33
Ce	0.15	0.12	1.30	0.86
Sr	0.06	1.83	-	11.8
Nd	0.31	0.08	1.00	0.63
Sm	0.50	0.07	1.10	0.20
Zr	0.10	0.05	0.10	6.84
Hf	0.26	0.05	2.00	0.20
Ti	0.40	0.04	7.50	620
Tb	0.57	-	1.00	0.05
Y	0.90	0.03	0.20	2.00
Tm	-	-	1.00	0.03
Yb	0.62	0.07	0.90	0.22
Gd	0.61	0.06	-	0.26