

Table 4: F and Cl partition coefficients

D (mineral / liquid)	F		Cl	
(olivine / basalt)	0.0015 – 0.0047	[1]	< 0.0005	[1]
	0.0007 – 0.0033	[2]		
	0.00024 – 0.00054	[5]		
(clinopyroxene / basalt)	0.039 – 0.067	[1]	< 0.01	[1]
	0.043 – 0.153	[3]		
	0.086 – 0.153	[4]		
	0.0052 – 0.087	[5]		
(orthopyroxene / basalt)	0.015 – 0.0448	[1]	0.0017 – 0.028	[3]
	0.031 – 0.037 [2]			
	0.0158 – 0.1233	[3]		
(garnet / basalt)	0.0039 – 0.0174	[1]	< 0.007	[1]
	0.0123	[3]		
	0.166	[4]		
(clinopyroxene / rhyolite)	0.048 – 0.73	[6]	0.065 – 0.158	[6]
(garnet / rhyolite)	0.028 – 0.12	[6]	0.031–0.492	[6]
(amphibole / basalt)	0.85 – 1.19	[1]	0.038 – 0.046	[1]
	0.36 – 0.63	[4]		
	0.96	[7]		
(amphibole / rhyolite)	0.95 – 2.7	[6]	0.079 – 1.87	[6]
(amphibole / fluid)	7.7	[8]	0.0049	[9]
(olivine / fluid)	0.11 – 1.4	[10]	0.9 – 2	x10 ⁻⁴ [9]
			0.19 – 1.6	x10 ⁻⁴ [10]
(clinopyroxene / fluid)			1.4 – 2	x10 ⁻⁴ [9]
(garnet / fluid)	0.014 – 0.26	[10]	0.13 – 13.8	x10 ⁻⁴ [10]
(orthopyroxene / fluid)	0.0019 – 0.13	[10]	1.5 – 3.7	x10 ⁻⁴ [9]
			0.2 – 6.3	x10 ⁻⁴ [10]

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