

**Table S1.** Limits of detection for mineral determination by ICP–OES and ICP-MS

Element	LOD <sup>1</sup> (ICP-OES)	Element	LOD <sup>1</sup> (ICP-MS)
	(mg kg <sup>-1</sup> ) <sup>1</sup>		(mg kg <sup>-1</sup> ) <sup>1</sup>
Na	0.80	Co	0.015
K	0.30	Cr	0.022
Ca	0.40	Ni	0.013
Mg	0.90	Ba	0.022
Fe	0.80	Sr	0.013
Cu	0.40	Rb	0.021
Zn	0.50	As	0.027
Mn	0.50	Cd	0.007
		Hg	0.013
		Pb	0.011

<sup>1</sup> Limits of detection in solid calculated for 200 mg digested sample made up to 20 mL. ICP-OES: Inductively Coupled Plasma Optical Emission Spectrometer; ICP-MS: Inductively Coupled Plasma Quadrupole Mass Spectrometer