

Table S1. Quality control report.

Elements	B	Na	Mg	Al	P	S	K	Ca	Sc	Ti	V
Units	mg/kg	%	%	%	mg/kg	%	%	%	mg/kg	mg/kg	mg/kg
6	<20	0.073	0.61	0.86	0.031	0.17	0.17	17.33	3.60	0.08	24
6R	<20	0.075	0.59	0.88	0.029	0.18	0.18	16.10	3.90	0.08	25
Accuracy and repeatability of analytics (%)	-	-2.74	3.28	-2.33	6.45	-5.88	-5.88	7.10	-8.33	0	-4.17
Elements	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Mo	Ag
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ppb
6	31.90	565	1.86	10.50	63.40	35.60	89.20	6	389.10	0.65	45
6R	32.70	548	1.97	9.50	63.90	36.51	87	6.70	370.90	0.69	42
Accuracy and repeatability of analytics (%)	-2.51	3.01	-5.91	9.52	1.96	-3.88	-2.63	-11.67	4.68	-6.15	6.67
Elements	Cd	Sb	Te	Ba	La	Au	Hg	Pb	Bi	Th	U
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ppb	ppb	mg/kg	mg/kg	mg/kg	mg/kg
6	0.18	0.15	0.06	67.1	6.70	0.90	37	27.38	0.31	2.10	0.80
6R	0.18	0.21	0.04	70.3	7.10	0.20	35	24.57	0.31	2.30	0.70
Accuracy and repeatability of analytics (%)	0	-40	33.33	-4.77	-5.87	77.78	5.41	12.64	0	-9.52	12.50