

Table 2. Comparison of preparation and analytical procedures used for solid samples by ALS Chemex and Frontier Geosciences laboratories

	ALS Chemex	Frontier Geosciences
Step (in sequence)		
(1) Dry	60°C	—
(2) Fine crush	Entire sample	—
(3) Remove split	250 g	0.5g
(4) Pulverize	To >85% <75µ	—
(5) Digest/leach	HF-HNO ₃ -HClO ₄ -HCl	Aqua regia (HCl-HNO ₃)
(6) Analysis*	CVAA	CVAFS

*Mercury detection method only. The same chemical procedure for extraction of mercury from solid samples is used by both laboratories.