

**Table 1. U-Pb TIMS data**

Analysis no. (number of grains)	Size range ( $\mu\text{m}$ )	U/ Th	Pbc/ Pbtot <sup>1</sup>	<sup>206</sup> Pb/ <sup>204</sup> Pb <sup>2</sup>	<sup>207</sup> Pb/ <sup>235</sup> U			<sup>206</sup> Pb/ <sup>238</sup> U			<sup>207</sup> Pb/ <sup>206</sup> Pb			Concord- ance
					$\pm 2\sigma$ (%)	$\pm 2\sigma$ (%)	$\pm 2\sigma$ (abs)	$\pm 2\sigma$ (abs)	$\pm 2\sigma$ (abs)	$\pm 2\sigma$ (abs)				
					(corr) <sup>3</sup>			(age in Ma)						
<i>Sample 218978</i>														
Bd-1 (4 grains)	30-50	32.8	0.178	407.9	0.0826	2.56	0.01266	2.34	80.6	2.0	81.1	1.9	65.2	1.244
Bd-2 (6 grains)	30-50	74.3	0.502	114.7	0.0872	5.00	0.01322	3.30	84.9	4.1	84.6	2.8	91.8	0.922
<i>Sample 303646</i>														
Bd-1 (6 grains)	30-50	7.5	0.290	244.0	0.0829	4.01	0.01252	3.67	80.9	3.1	80.2	2.9	99.2	0.809
Bd-2 (9 grains)	30-50	9.6	0.166	381.1	0.0828	1.16	0.01261	0.71	80.8	0.9	80.8	0.6	80.0	1.009

1) Pbc = common Pb; Pbtot = total Pb (radiogenic + blank + initial)

2) Measured ratio corrected for fractionation and spike.

3) Isotopic ratios corrected for fractionation (0.1% per amu for Pb), spike contribution, blank (0.8 pg Pb and 0.08 pg U), and initial common Pb. Initial common Pb corrected with isotopic compositions from the model of Stacey & Kramers (1975) at the age of the sample.