

**UWA SHRIMP DATA LOG**

Date: 14/10/04      UWA Mount No.: 04-84 / 04-104      Whose sample?: CG      Operator(s): MB

Indicate any change to the following: <sup>202 203</sup> 196 204 bkg 206 207 208 238 248 254 270  
 Precambrian Count time (secs): ② ⑩ ⑩ ⑩/20\* ⑩/10\* ⑩ ⑤ ⑤ ② ②  
 Phanerozoic\* Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = ..... for O<sup>-</sup>; = ..... for O<sub>2</sub><sup>-</sup>; = ..... for NO<sup>-</sup>  
 dead-time = <sup>25</sup> ..... nanosecs      expected resolution = >4200      actual resolution = <sup>5704</sup> .....  
 aperture = <sup>30</sup> ..... microns      retardation lens = <sup>9940</sup> ..... volts

Expected offsets (amu): 196-204 = 8.170; 204-bkg = 0.045; 204-206 ~ 2.000; 206-207 = 1.000; 206-208 = 2.000

Actual: 196-204 = <sup>~1.108</sup> .....      204-bkg = <sup>0.045</sup> .....      204-206 = <sup>~2.008</sup> .....  
 206-207 = <sup>~1.007</sup> .....      206-208 = <sup>centred</sup> .....

Primary-epoxy = ..... nA      Primary-CZ3 = <sup>Fract 0.38</sup> ..... nA      PESABM-CZ3 = ..... pA  
 Raster time (mins): <sup>2.0</sup> .....      Raster aperture (microns): <sup>60</sup> .....      No. of scans: <sup>7</sup> .....

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U <sup>203</sup> 196 Kcps	206 cps	UO <sub>2</sub> ppm <sup>204</sup> Kc	204Pb ppb <sup>Th<sub>2</sub></sup> Kc	f <sub>206</sub> %	Age ±1σ (Ma) 206/238 254	207/206	Offsets OK?	
	Fr. 1-1	01:16	1.2772	2914	7481	10.4	5	203	0.1828	0.0592	✓
	P095.1-1	01:42	1.2404	2446	676654	243	10	296	0.6915	0.1049	✓
	QMa.1-1	02:03	1.3859	2783	6044	8.5	3	87	0.1967	0.0618	✓
	04-104A.1-1	02:56	1.2482	2358	14115	5.1	14	137	0.6924	0.1177	✓
	04-104A.H3	02:56	1.2302	2550	9747	3.9	8	103	0.6122	0.1181	✓
	Fr. 1-2	03:45	1.2230	2669	7859	10.4	7	203	0.1989	0.0639	✓
	Fr. 1-2b	04:04	1.2182	3756	7192	10.3	3	191	0.1684	0.0601	✓
	04-104A.1-2	04:04 <sup>26</sup>	1.1705	3422	13810	5.3	3	122	0.6052	0.1127	✓

It took me > 1/2 hour to find the grain on 04-104.

