

**UWA SHRIMP DATA LOG**

Date: 4/9/04 UWA Mount No.: MB-1 Whose sample?: MB Operator(s): MS  
C-58

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254 270

Precambrian Count time (secs): 2 10 10 10/20\* 30/10\* 10 5 5 2  
 Phanerozoic\* Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = 191.4 for O<sup>-</sup>; = 137.6 for O<sub>2</sub><sup>-</sup>; = 116.5 for NO<sup>-</sup>

dead-time = 24 nanosecs expected resolution = >4200 actual resolution = 5095

aperture = 30 microns retardation lens = 0 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 = 8.16709 204-bkg = 0.48930 204-206 = -2.009

206-207 = -1.005 206-208 = -1.003

Primary-epoxy = 0.4 nA Primary-CZ3 = 0.53 nA PESABM-CZ3 = 17 pA

Raster time (mins): 2 Raster aperture (microns): 90 No. of scans: 7

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	<sup>204</sup> Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	<u>CZ3.1-1</u>	<u>11:17</u>	<u>6.47</u>	<u>5.74</u>	<u>6032</u>	<u>550</u>	<u>0</u>	<u>-</u>	<u>564 ± 8</u>	<u>560 ± 41</u>	<u>✓</u>
	<u>CZ3.1-2</u>	<u>11:49</u>	<u>6.44</u>	<u>5.91</u>	<u>6371</u>	<u>540</u>	<u>0</u>	<u>-</u>	<u>548 ± 8</u>	<u>718 ± 46</u>	<u>✓</u>
	<u>JH50.9a-1</u>	<u>12:15</u>	<u>6.36</u>	<u>5.67</u>	<u>5814</u>	<u>88</u>	<u>0</u>	<u>-</u>	<u>2790 ± 105</u>	<u>2935 ± 17</u>	<u>✓</u>
	<u>JH50.9b-1</u>	<u>12:36</u>	<u>6.29</u>	<u>5.61</u>	<u>7379</u>	<u>54</u>	<u>0</u>	<u>-</u>	<u>2783 ± 98</u>	<u>2819 ± 27</u>	<u>✓</u>
	<u>JH50.10-1</u>	<u>12:59</u>	<u>6.52</u>	<u>5.67</u>	<u>4244</u>	<u>75</u>	<u>4.5</u>	<u>0.20</u>	<u>2813 ± 71</u>	<u>2755 ± 36</u>	<u>✓</u>
	<u>JH50.11-1</u>	<u>13:22</u>	<u>6.55</u>	<u>5.76</u>	<u>5377</u>	<u>86</u>	<u>16.3</u>	<u>0.68</u>	<u>2667 ± 90</u>	<u>2689 ± 30</u>	<u>✓</u>
	<u>CZ3.1-3</u>	<u>13:46</u>	<u>6.42</u>	<u>5.84</u>	<u>6077</u>	<u>562</u>	<u>0</u>	<u>-</u>	<u>557 ± 8</u>	<u>573 ± 41</u>	<u>✓</u>
	<u>JH50.12-1</u>	<u>14:12</u>	<u>6.22</u>	<u>5.95</u>	<u>1839</u>	<u>32</u>	<u>9.7</u>	<u>1.102</u>	<u>2627 ± 115</u>	<u>2745 ± 78</u>	<u>✓</u>

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age $\pm 1\sigma$ (Ma)		Offsets OK?
									206/238	207/206	
	JH50.13-1	14:35	6.47	5.83	2644	43	8.5	0.70	2712 $\pm$ 105	2737 $\pm$ 40	✓
	JH50.13-2	14:57	6.90	5.37	2376	42	20.2	1.85	2523 $\pm$ 106	2692 $\pm$ 66	✓
	JH50.15-1	15:21	6.47	5.73	3273	52	32	2.17	2693 $\pm$ 88	2732 $\pm$ 63	✓
	C23.1-4	15:43	6.34	5.63	6206	570	3.7	0.14	541 $\pm$ 8	499 $\pm$ 74	✓
	JH50.15-2	16:05	6.41	5.78	3371	52	21.6	1.52	2621 $\pm$ 102	2751 $\pm$ 53	✓
	JH50.16-1	16:28	6.63	5.73	6565	100	7.9	0.28	2748 $\pm$ 60	2773 $\pm$ 24	✓
	JH50.17-1	17:00	5.97	6.08	5073	88	9.8	0.41	2615 $\pm$ 57	2671 $\pm$ 27	✓
	JH50.17-2	17:22	6.01	5.85	3542	59	12.9	0.77	2711 $\pm$ 84	2622 $\pm$ 49	✓
	C23.1-5	15:44	6.49	6.12	6060	541	0	-	556 $\pm$ 8	617 $\pm$ 81	✓
	JH50.18-1	18:07	6.49	5.71	2764	46	12.8	0.99	2724 $\pm$ 93	2696 $\pm$ 51	✓
	JH50.19-1	18:30	6.49	6.05	1192	20	0	-	2561 $\pm$ 131	2780 $\pm$ 44	✓
	JH50.23-1	18:54	6.71	5.61	5524	84	33.4	1.54	2508 $\pm$ 65	2686 $\pm$ 46	✓
	JH50.25-1	19:33	6.70	5.71	5674	85	4.4	0.18	2820 $\pm$ 77	2886 $\pm$ 28	✓
	C23.1-6	19:54	6.51	5.96	6.02	355	4.1	0.15	551 $\pm$ 7	607 $\pm$ 97	✓
	JH50.30-1	20:38	6.22	5.70	2171	34	8.9	0.88	2807 $\pm$ 111	2706 $\pm$ 69	✓
	C23.1-7	21:00	6.45	5.82	5770	546	6	0.17	546 $\pm$ 9	524 $\pm$ 75	✓
	C23.1-8	21:22	6.77	5.60	5558	555	2.6	0.10	542 $\pm$ 9	525 $\pm$ 87	✓