

### UWA SHRIMP DATA LOG

Date: 2/3/03 UWA Mount No.: C43+37 Whose sample?: NV Operator(s): McN/AF/MBagg

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 = 6.2 for O<sup>-</sup>; = 2.1 for O<sub>2</sub><sup>-</sup>; = 2.8 for NO<sup>-</sup>

dead-time = 2.4 nanosecs expected resolution = >4200 actual resolution = .....

aperture = 70.3 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 = 8.17 204-bkg = 0.045 204-206 = 2.003

206-207 = 1.000 206-208 = 1.000

Primary-epoxy = 1.8 nA Primary-CZ3 = 2.3 nA PESABM-CZ3 = 40 pA

Raster time (mins): 2.0 Raster aperture (microns): 4.0 No. of scans: 7

Comments:

*Hoist caused com problems in morning.  
 1° unstable but stabilized before starting analyses.  
 Very troubled start (first cz3 at 4pm)*

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238 207/206	Offsets OK?
	<u>c23-1-7</u>	<u>16:08</u>	<u>6.07</u>	<u>35.9</u>	<u>14479</u>	<u>551</u>	<u>2.5</u>	<u>0.09</u>	<u>571</u> <u>549</u>	<u>✓</u>
	<u>d.1-1</u>	<u>16:50</u>	<u>6.14</u>	<u>36.6</u>	<u>7441</u>	<u>49</u>	<u>-0.7</u>	<u>0.05</u>	<u>2614</u> <u>2698</u>	<u>✓</u>
	<u>d.2-1</u>	<u>17:12</u>	<u>6.06</u>	<u>37.7</u>	<u>25873</u>	<u>168</u>	<u>146</u>	<u>0.03</u>	<u>2587</u> <u>2655</u>	<u>✓</u>
	<u>c23-1-8</u>	<u>17:35</u>	<u>6.23</u>	<u>35.6</u>	<u>16720</u>	<u>582</u>	<u>0.3</u>	<u>0.01</u>	<u>571</u> <u>572</u>	<u>✓</u>
	<u>d.3-1</u>	<u>18:04</u>	<u>6.21</u>	<u>34.2</u>	<u>15086</u>	<u>102</u>	<u>7.7</u>	<u>0.02</u>	<u>2706</u> <u>2656</u>	<u>✓</u>
	<u>d.4-1</u>	<u>18:34</u>	<u>6.43</u>	<u>34.2</u>	<u>36905</u>	<u>243</u>	<u>9.1</u>	<u>0.01</u>	<u>2594</u> <u>2648</u>	<u>✓</u>
	<u>d.4-2</u>	<u>18:59</u>	<u>6.38</u>	<u>35.5</u>	<u>27165</u>	<u>188</u>	<u>22</u>	<u>0.04</u>	<u>2509</u> <u>2647</u>	<u>✓</u>
	<u>d.5-1</u>	<u>19:23</u>	<u>6.35</u>	<u>17.53</u>	<u>1119</u>	<u>74.4</u>	<u>2.3</u>	<u>0.11</u>	<u>2654±34</u> <u>2676±16</u>	<u>✓</u>

Mount/sample No: .....

Date: .....

Page No: .....

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	
	d.5-2	19:44	6.49	18.77	1349	103.3	103.3	4.65	2090 $\pm$ 21	2663 $\pm$ 29	✓
	<del>c23-3-3</del>	<del>20:07</del>	<del>6.08</del>	<del>18.63</del>	<del>1599</del>	<del>589</del>	<del>2.6</del>	<del>0.09</del>	<del>2669<math>\pm</math>27</del>	<del>2646<math>\pm</math>13</del>	✓
	d.6-1	20:48	6.30	18.41	1768	112	8.1	0.26	2669 $\pm$ 31	2646 $\pm$ 13	✓
	d.7-1	21:11	5.65	17.58	505	40	-	-	2604 $\pm$ 41	2675 $\pm$ 18	✓
	d.8-1	21:43	6.23	19.99	1548	90.2	1.6	0.06	2708 $\pm$ 26	2661 $\pm$ 11	✓
	<del>c23.1-9</del>	<del>22:12</del>	<del>5.8</del>	<del>23.22</del>	<del>1702</del>	<del>518</del>	<del>-ve</del>	<del>-ve</del>	<del>584<math>\pm</math>3</del>	<del>492<math>\pm</math>21</del>	✓
	d.8-2	22:34	5.90	18.34	1892	129	-ve	-ve	2722 $\pm$ 29	2681 $\pm$ 10	✓
	d.9-1	22:57	5.78	18.8	877	61	1.6	0.07	2692 $\pm$ 40	2668 $\pm$ 14	✓
	d.9-2	23:20	6.05	20.41	954	57.6	1.1	0.07	2674 $\pm$ 33	2655 $\pm$ 16	✓
	<del>c23.103-4</del>	<del>23:44</del>	<del>5.94</del>	<del>20.21</del>	<del>1698</del>	<del>588</del>	<del>0.2</del>	<del>0.006</del>	<del>570<math>\pm</math>12</del>	<del>530<math>\pm</math>12</del>	✓
	d.10-1	00:23	6.23	20.1	<del>5261</del> 522	322	29.7	0.35	2589 $\pm$ 18	2658 $\pm$ 5	✓
	d.11-1	00:53	<del>6.27</del> 19.76	<del>19.76</del> 2138	2138	124	3	0.09	2714 $\pm$ 23	2672 $\pm$ 9	✓
	d.12-1	01:16	6.41	18.76	926	54.7	-ve	-ve	2735 $\pm$ 35	2670 $\pm$ 12	✓
	<del>c23.1-10</del>	<del>01:40</del>	<del>5.77</del>	<del>20.93</del>	<del>1659</del>	<del>576</del>	<del>0.3</del>	<del>0.01</del>	<del>572<math>\pm</math>3</del>	<del>574<math>\pm</math>24</del>	✓
	d.12-2	02:04	6.30	19.97	968	56	-ve	-ve	2700 $\pm$ 33	2660 $\pm$ 15	✓
	d.13-1	02:25	6.02	19.89	1925	120	11.8	0.36	2669 $\pm$ 95	2644 $\pm$ 19	✓
	d.14-1	02:49	5.91	21.04	2474	151	11.6	0.28	2646 $\pm$ 174	2645 $\pm$ 64	✓
	d.15-1	03:31	6.00	20.86	1749	107	0.3	0.012	2626 $\pm$ 70	2658 $\pm$ 46	✓
	<del>c23.1-11</del>	<del>03:53</del>	<del>5.71</del>	<del>21.01</del>	<del>1618</del>	<del>565</del>	<del>1.3</del>	<del>0.045</del>	<del>574<math>\pm</math>3</del>	<del>512<math>\pm</math>30</del>	✓
	d.16-1	04:23	5.91	20.83	2692	175	13.4	0.295	2528 $\pm$ 22	2663 $\pm$ 10	✓
	d.17-1	04:45	5.92	21.28	1806	125	24.7	0.834	2352 $\pm$ 59	2672 $\pm$ 13	✓
	d.18-1	05:07	6.06	21.13	1733	107	14.2	0.512	2543 $\pm$ 28	2676 $\pm$ 13	✓
	<del>c23.105-6</del>	<del>05:31</del>	<del>6.21</del>	<del>20.34</del>	<del>1831</del>	<del>575</del>	<del>0.6</del>	<del>0.02</del>	<del>590<math>\pm</math>3</del>	<del>554<math>\pm</math>21</del>	✓
	b.11-1	06:04	6.10	21.73	940	544	18.0	0.124	2604 $\pm$ 11	2575 $\pm$ 4	✓
	b.12-1	06:35	6.01	19.58	8127	517	6.9	0.049	2667 $\pm$ 42	2649 $\pm$ 13	✓

