

### UWA SHRIMP DATA LOG

Date: 15/01/00      UWA Mount No.: 98-61      Whose sample?: AGSO      Operator(s): IRF+AR

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 = 1.6 for O<sup>-</sup>; = 1.3 for O<sub>2</sub><sup>-</sup>; = 2.2 for NO<sup>-</sup>

dead-time = 3.2 nanosecs      expected resolution = >4200      actual resolution = 4875

aperture = 120 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 = 8.170      204-bkg = 0.045      204-206 = 2.000

206-207 = 1.000      206-208 = 2.000

Primary-epoxy = 1.3 nA      Primary-CZ3 = 1.8 nA      PESABM-CZ3 = 26 pA

Raster time (mins): 2      Raster aperture (microns): 120      No. of scans: 8

Comments: Following on from 98-46

Rejection <del>over-ride</del>	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238    207/206	Offsets OK?
	<u>C2.1-1</u>	<u>23:13</u>	<u>8.0</u>	<u>5.7</u>	<u>809</u>	<u>220</u>	<u>0.4</u>	<u>.03</u>	<u>572</u> <u>558</u>	✓
①②	<u>C2.1-2</u>	<u>23:31</u>	<u>7.7</u>	<u>6.0</u>	<u>793</u>	<u>223</u>	<u>3.4</u>	<u>.29</u>	<u>566</u> <u>484</u>	✓
	<u>C2.2-1</u>	<u>00:22</u>	<u>7.8</u>	<u>5.8</u>	<u>786</u>	<u>222</u>	<u>0.7</u>	<u>.06</u>	<u>566</u> <u>587</u>	✓
	<u>A.3-1</u>	<u>00:44</u>	<u>7.7</u>	<u>6.0</u>	<u>233</u>	<u>13</u>	<u>5.0</u>	<u>1.1</u>	<u>2567</u> <u>2555</u>	✓
<u>1st 10</u>	<u>A.25-1</u>	<u>1:03</u>	<u>7.7</u>	<u>6.6</u>	<u>1671</u>	<u>93</u>	<u>6.8</u>	<u>.23</u>	<u>2320</u> <u>2751</u>	✓
	<u>C2.2-2</u>	<u>1:22</u>	<u>7.9</u>	<u>5.8</u>	<u>825</u>	<u>7.9</u>	<u>0.1</u>	<u>.13</u>	<u>585</u> <u>542</u>	✓
③	<u>A.1-1</u>	<u>1:42</u>	<u>7.8</u>	<u>6.1</u>	<u>915</u>	<u>55</u>	<u>-ve</u>	<u>-</u>	<u>2262</u> <u>2234</u>	✓
	<u>A.26-1</u>	<u>2:02</u>	<u>7.9</u>	<u>6.2</u>	<u>1617</u>	<u>90</u>	<u>8.5</u>	<u>.30</u>	<u>2268</u> <u>2247</u>	✓

- ① 10:50: Big "de-gassing" sound (like valve opening), but crve ok, lost 1° temp. No power outage, are ok. Continued. No 2° → Accel voltage jumped below 10,000V
- ② 11:20: Lights flickered out, but no problem with machine.
- ③ 1:10 am - flooding in corridor outside window (No kidding). - called security.

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Rejection override	Sample/ Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	A24-1	2:22	78	5.8	528	26	-ve	-ve	2762	2719	✓
	C22-3	2:41	80	5.9	808	21	3.6	.33	570	532	✓
	A19-1	2:02	7.6	5.6	101	6.3	-ve	-ve	2501	2118	✓
	A19b-1	3:21	7.8	5.9	1605	80	2.8	.10	2698	2734	✓
	A27-1	3:40	7.9	5.6	1114	58	1.7	.08	2630	2819	✓
	C22-4	4:00	7.8	5.5	750	220	1.4	.12	572	609	✓
	A28-1	4:19	8.4	5.0	2073	166	2.2	.60	1747	2576	✓
	A23-1	4:38	7.8	5.8	923	47	2.1	.12	2724	2708	✓
	A29-1	4:57	7.9	5.4	531	25	0.2	.46	2856	2695	✓
	A15-1	5:16	8.0	5.6	1268	69	5.0	2.1	2432	2659	✓
	C22-5	5:35	7.5	5.3	678	233	3.0	.24	574	553	✓
	A30-1	5:55	7.6	5.3	914	55	2.5	.12	2618	2694	✓
	A31-1	6:13	7.8	5.7	627	31	2.1	.18	2724	2732	✓
	A5-1	6:33	8.0	5.6	503	41	0.8	.05	2651	2672	✓
	A32-1	6:53	8.3	5.6	332	17	5.5	.98	2357	2639	✓
	C23-1	7:12	7.7	5.5	759	230	4.5	.36	587	539	✓
	A6-1	7:31	7.9	5.4	470	23	-ve	-ve	2876	2823	✓
	A7-1	7:51	7.4	5.1	952	66	-ve	-ve	2603	2610	✓
	A10-1	8:11	7.9	5.5	1938	102	0.5	.01	2671	2697	✓
	C23-2	8:31	7.8	5.5	747	218	2.6	.22	582	504	✓
	A11-1	8:50	8.0	5.2	1022	65	4.0	.20	2269	2686	✓

wrong name!  
Should be 17-1  
wrong name! should  
be A19-1

12+Th0

12+U0