

**UWA SHRIMP DATA LOG**

Date: 13-2-01      UWA Mount No.: A-80      Whose sample?: SB      Operator(s): SB

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 = 350/5.4 for O<sup>-</sup>; = 249/1.4 for O<sub>2</sub><sup>-</sup>; = 209/9.4 for NO<sup>-</sup>

dead-time = 32 nanosecs      expected resolution = >4200      actual resolution = 5205

aperture = 100 microns      retardation lens = - 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 = 8.169      204-bkg = 0.045      204-206 = 2.000

206-207 = 1.000      206-208 = 2.000

Primary-epoxy = 1.8 nA      Primary-CZ3 = 2.4 nA      PESABM-CZ3 = 26 pA

Raster time (mins): 1      Raster aperture (microns): 100      No. of scans: 6

Comments: A: E353 Bulong n=9  
B: E354 Teddy Dam 1.32%  
\*C: E356 Black Swan (Internal) } Ofukompu  
D: E357 Black Swan (Footwall) } excluding  
stds: 5-5, 5-6, 5-7

Rejection over-ride	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>CZ.5-1</u>	<u>13:17</u>	<u>6.08</u>	<u>12</u>	<u>1200</u>	<u>238</u>	<u>-0.7</u>	<u>-07</u>	<u>571</u>	<u>576</u>	<u>✓</u>
	<u>CZ.5-2</u>	<u>13:49</u>	<u>5.99</u>	<u>11</u>	<u>1200</u>	<u>248</u>	<u>0.6</u>	<u>-08</u>	<u>578</u>	<u>542</u>	
	<u>C.1-1</u>	<u>14:17</u>	<u>6.15</u>	<u>9.9</u>	<u>1400</u>	<u>59</u>	<u>-0.8</u>	<u>-05</u>	<u>2705</u>	<u>2727 ±13</u>	<u>✓</u>
	<u>C.2-1</u>	<u>14:41</u>	<u>5.52</u>	<u>10</u>	<u>900</u>	<u>41</u>	<u>8.4</u>	<u>0.7</u>	<u>2732</u>	<u>2746 ±36</u>	<u>✓</u>
	<u>CZ.5-3</u>	<u>15:02</u>	<u>6.04</u>	<u>11</u>	<u>1200</u>	<u>256</u>	<u>-0.7</u>	<u>-03</u>	<u>557</u>	<u>594</u>	<u>✓</u>
	<u>C.3-1</u>	<u>15:25</u>	<u>5.85</u>	<u>12</u>	<u>1200</u>	<u>43</u>	<u>2.0</u>	<u>-16</u>	<u>2703</u>	<u>2690 ±14</u>	
	<u>C.4-1</u>	<u>15:52</u>	<u>6.04</u>	<u>11</u>	<u>1200</u>	<u>48</u>	<u>3.0</u>	<u>-23</u>	<u>2674</u>	<u>2727 ±13</u>	
	<u>C.5-1</u>	<u>16:12</u>	<u>6.56</u>	<u>11</u>	<u>750</u>	<u>27</u>	<u>0.1</u>	<u>-01</u>	<u>2671</u>	<u>2707</u>	<u>✓</u>

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?
---------------------	----------------	-----------------	------	----------	---------	-------	-----------	--------	----------------------	---------	-------------

	C.6-1	16:34							2749	2701 ±20	✓
	CZ.5-4	16:53	5.98	11	1200	259	-0.3	0.11	564	569	✓
	C.7-1	17:12	5.82	11	810	33	0.2	.02	2763	2717 ±15	✓
	C.8-1	17:32	6.03	11	590	22	0.5	.08	2654	2755 ±20	✓
	C.9-1	17:53	6.19	11	1400	51	1.7	0.11	2734	2710 ±12	✓
	?? C.10-1	19:11	4.2	20	1300	40	-0.8	0.06	3046	2715 ±11	✓
X	CZ.5-5	19:36	4.28	24	990	146	1.9	.25	601	494 ±45	✓
	C.11-1	20:00	4.47	24	1500	39	3.9	0.34	2813	2693 ±13	✓
	C.12-1	20:29	4.58	27	650	15	-0.4	.10	2627	2706 ±22	✓
X	CZ.5-6	20:54	4.33	30	1200	150	-0.6	.08	558	615 ±29	✓
	C.13-1	21:14	4.15	30	400	9.0	1.7	0.3	2794	2677	✓
X	CZ.5-7	22:02	4.34	21	840	150	-0.9	0.0	555	592	✓
	CZ.5-8*	0:21	5.62	11	990	238	-0.2	.02	571	507	—
	CZ.5-9	0:42	5.64	11	1000	247	-0.3	-.07	564	568	✓
	C.14-1	1:06	5.91	8.6	1100	50	3.8	-.25	2850	2712 ±17	✓
	C.15-1	1:25	5.76	10	750	33	0.8	.09	2716	2713 ±15	✓
	C.16-1	1:44	5.77	9.9	630	28	0.8	-.09	2730	2720 ±17	✓
	C.17-1	2:04	5.86	10	600	26	-1.0	-.13	2705	2699 ±18	✓
	C.18-1	2:23	5.66	10	1200	53	0.3	-.02	2763	2737 ±10	✓
	CZ.5-10	2:44	5.47	12	1100	229	-0.6	-.04	578	537	✓
	C.19-1	3:03	5.81	8.5	900	45	1.0	-.07	2784	2707 ±16	✓
	C.20-1	3:22	5.54	8.9	980	48	0.1	-.004	2877	2669 ±12	✓
	C.21-1	3:43	5.61	11	1100	45	4.4	0.3	2770	2697 ±16	✓
	C.22-1	4:01	5.74	10	950	41	0.6	-.05	2813	2691 ±16	✓
	C.23-1	4:24	5.74	11	1100	45	<del>2.6</del>	.2	2729	2698 ±16	✓

1° dropped out

Major Problems with 10

2.6



