

UWA SHRIMP DATA LOG

Date 18/11/02 UWA Mount No. C-96 Whose sample? M Bag Operator(s) M Bag

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

See
17/11/02
DVI-3

Steel: Wein volts / nA = for O⁻; = for O₂⁻; = for NO⁻

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

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 = 204-bkg = 204-206 =

206-207 = 206-208 =

Primary-epoxy = nA Primary-CZ3= nA PESABM-CZ3 = pA

Raster time (mins): 1:5 Raster aperture (microns): 40 No. of scans: 7

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?
	<u>C2.1-1</u>	<u>09:38</u>	<u>6:20</u>	<u>5.1</u>	<u>629</u>	<u>581</u>	<u>4.5</u>	<u>0.165</u>	<u>571 ± 6</u>	<u>564 ± 60</u>	✓
	<u>C96.1-1</u>	<u>10:02</u>	<u>5.88</u>	<u>5.5</u>	<u>255</u>	<u>38.2</u>	<u>0.7</u>	<u>0.065</u>	<u>2794 ± 67</u>	<u>2721 ± 29</u>	✓
	<u>C96.2-1</u>	<u>10:31</u>	<u>5.97</u>	<u>5.5</u>	<u>797</u>	<u>132</u>	<u>11.7</u>	<u>0.344</u>	<u>2509 ± 41</u>	<u>2737 ± 16</u>	✓
	<u>C96.3-1</u>	<u>10:57</u>	<u>5.92</u>	<u>5.3</u>	<u>521</u>	<u>89</u>	<u>4.2</u>	<u>0.178</u>	<u>2564 ± 51</u>	<u>2762 ± 17</u>	✓
	<u>C96.4-2</u>	<u>11:00</u>	<u>5.89</u>	<u>5.6</u>	<u>614</u>	<u>522</u>	<u>9.2</u>	<u>0.352</u>	<u>576 ± 5</u>	<u>498 ± 59</u>	✓
	<u>C96.4-1</u>	<u>11:51</u>	<u>6:00</u>	<u>5.6</u>	<u>643</u>	<u>111</u>	<u>9.9</u>	<u>0.347</u>	<u>2519 ± 38</u>	<u>2734 ± 19</u>	✓
	<u>C96.5-1</u>	<u>12:16</u>	<u>5.84</u>	<u>5.9</u>	<u>713</u>	<u>154</u>	<u>65.4</u>	<u>2.24</u>	<u>1912 ± 29</u>	<u>2690 ± 30</u>	✓
	<u>C96.6-1</u>	<u>12:41</u>	<u>6:21</u>	8.6 <u>6.85</u>	<u>882</u>	<u>203</u>	<u>26.9</u>	<u>0.943</u>	<u>1493 ± 16</u>	<u>2715 ± 21</u>	✓

