

**UWA DATA LOG: SHRIMP ZIRCON U-Pb**

Date: 5/10/98 UWA Mount No.: 98-51 Whose sample?: AGSO Operator(s): IF

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

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

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 32 nanoseconds  
 actual 196-204 = 8.169 actual 204-bkg = 0.0 expected resolution = >4200  
 actual 206-207 = 1.000 actual 206-208 = 2.000 actual resolution = 5880

Primary = 3.4 nA PESABM = 47 pA actual Primary : PESABM (≈ 50:1) = 72  
 Raster time (mins): 2 Raster aperture (microns): 120 No. of scans: 6  
*Sensitivity = 10*

Comments: Spot ~ 30 μm

*no. rej.*

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	Corr. <i>offset</i> 196-204 206-207
	<u>C2.4-1</u>	<u>11:04</u>	<u>6.39</u>	<u>16.5</u>	<u>1809</u>	-	<u>0.6</u>	<u>.05</u>	-	<u>610</u>	<u>8.169</u> <u>1.000</u>
	<u>C2.4-2</u>	<u>11:28</u>	<u>6.49</u>	<u>16.7</u>	<u>1904</u>	<u>224</u>	<u>0.5</u>	<u>.04</u>	<u>556</u>	<u>538</u>	-
	<u>C.1-1</u>	<u>11:48</u>	<u>6.38</u>	<u>16.7</u>	<u>4307</u>	<u>94</u>	<u>4.9</u>	<u>.14</u>	<u>2664</u>	<u>2655</u>	-
	<u>C.1-2</u>	<u>12:06</u>	<u>6.92</u>	<u>15.2</u>	<u>6816</u>	<u>300</u>	<u>1520</u>	<u>32.</u>	<u>883</u>	<u>2522</u>	-
	<u>C.2-1</u>	<u>12:25</u>	<u>6.46</u>	<u>16.5</u>	<u>1611</u>	<u>35</u>	<u>15</u>	<u>.12</u>	<u>2611</u>	<u>2651</u>	-
	<u>C.4-1</u>	<u>12:45</u>	<u>6.65</u>	<u>15.7</u>	<u>7467</u>	<u>154</u>	<u>0.6</u>	<u>.01</u>	<u>2647</u>	<u>2652</u>	-
	<u>C2.4-3</u>	<u>13:12</u>	<u>6.16</u>	<u>17.1</u>	<u>1851</u>	<u>239</u>	<u>0.9</u>	<u>.07</u>	<u>583</u>	<u>520</u>	-
	<u>C.5-1</u>	<u>13:32</u>	<u>7.44</u>	<u>12.6</u>	<u>7116</u>	<u>240</u>	<u>2K</u>	<u>43.</u>	<u>956</u>	<u>1703</u>	-
	<u>C.6-1</u>	<u>13:50</u>	<u>6.40</u>	<u>17.3</u>	<u>3679</u>	<u>80</u>	<u>17.</u>	<u>.61</u>	<u>2544</u>	<u>2658</u>	-
	<u>C.7-1</u>	<u>14:10</u>	<u>6.40</u>	<u>16.2</u>	<u>2811</u>	<u>62</u>	<u>0.8</u>	<u>.04</u>	<u>2676</u>	<u>2657</u>	-
	<u>C.8-1</u>	<u>14:28</u>	<u>6.48</u>	<u>16.0</u>	<u>3437</u>	<u>75</u>	<u>1.1</u>	<u>.04</u>	<u>2655</u>	<u>2665</u>	-

