

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

Date: 5/6/95      UWA Mount No.: 95-6      Whose sample?: L. Wang      Operator(s): L. Wang

Indicate any change to the following:		196	204	bkg	206	207	208	238	248	254
<b>Precambrian</b>	Count time (secs):	2	10	10	10	40	10	5	5	2
	Delay time (secs):	6	3	1	2	1	1	3	2	2
<b>Phanerozoic</b>	Count time (secs):	2	10	10	10	10	10	5	5	2
	Delay time (secs):	6	3	1	2	1	1	3	2	2

expected 196-204 = 8.170 amu      expected 204-bkg = 0.040 amu      Dead-time = 36 nanosecs  
 actual 196-204 = .....      actual 204-bkg = .....      expected resolution = >4200  
 Primary = 2.2 nA      PESABM = ..... pA      actual resolution = .....  
 expected Primary : PESABM ≈ 50:1      actual Primary : PESABM = .....

Comments from Log Book:

Rejection over-ride	Sample/Std ID	Time - printout	196 cps	206 cps	U ppm	204Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238      207/206		Corr.
	<u>std 23-1</u>	<u>19:05</u>	<u>18K</u>	<u>1879</u>	<u>220</u>	<u>0.9</u>	<u>0.07</u>	<u>572±0.6</u>	<u>540±26</u>	<u>208</u>
	<u>std 23-2</u>	<u>19:24</u>	<u>19K</u>	<u>1823</u>	<u>247</u>	<u>1.0</u>	<u>0.08</u>	<u>544±0.5</u>	<u>658±26</u>	<u>208</u>
	<u>U56C1.1</u>	<u>19:46</u>	<u>19K</u>	<u>854</u>	<u>313</u>	<u>0</u>	<u>0.04</u>	<u>194±0.2</u>		<u>208</u>
	<u>U56C2.1</u>	<u>20:06</u>	<u>21K</u>	<u>545</u>	<u>58</u>	<u>1.5</u>	<u>0.4</u>	<u>748±2</u>		<u>204</u>
	<u>U56C3.1</u>	<u>20:25</u>	<u>18K</u>	<u>1375</u>	<u>432</u>	<u>0.6</u>	<u>0.05</u>	<u>274±0.3</u>		"
	<u>U56C4.1</u>	<u>20:44</u>	<u>18K</u>	<u>962</u>	<u>468</u>	<u>0.4</u>	<u>0.07</u>	<u>142±0.2</u>		"
	<u>std 23-3</u>	<u>21:03</u>	<u>16K</u>	<u>1739</u>	<u>237</u>	<u>✓</u>		<u>553±0.5</u>		<u>✓</u>
	<u>U56C5.1</u>	<u>21:23</u>	<u>16K</u>	<u>223</u>	<u>86</u>	<u>1.9</u>	<u>1.2</u>	<u>213±1</u>		
	<u>U56C6.1</u>	<u>21:43</u>	<u>17K</u>	<u>96</u>	<u>26</u>	<u>✓</u>	<u>0.3</u>	<u>252±1</u>		<u>208</u>
	<u>U56C7.1</u>	<u>22:07</u>	<u>14K</u>	<u>1658</u>	<u>31</u>	<u>0.5</u>	<u>0.03</u>	<u>3309±16</u>	<u>2856±12</u>	<u>204</u>
	<u>std 23-4</u>	<u>22:26</u>	<u>18K</u>	<u>1719</u>	<u>245</u>	<u>0.6</u>	<u>0.05</u>	<u>529±0.5</u>	<u>558±28</u>	<u>208</u>
	<u>U56C8.1</u>	<u>22:46</u>	<u>18K</u>	<u>670</u>	<u>273</u>	<u>✓</u>	<u>0.07</u>	<u>199.7±0.2</u>		<u>208</u>
	<u>U56C4.2</u>	<u>6:22</u>	<u>16K</u>	<u>716</u>	<u>103</u>	<u>0.4</u>	<u>0.06</u>	<u>604±2</u>	<u>1508±50</u>	

